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## Tractor Gear Pump



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FORD TARCTOR  
HYDRAULIC  
GEAR PUMPS



Hydraulic Pumps



|                        |                                                   |
|------------------------|---------------------------------------------------|
| Tractor's Brand:       | FORD                                              |
| Applied To:            | FORD 5000                                         |
| OEM Ref No:            | D0NN600G<br>8123983                               |
| Manufactory Ref No:    | 5000, 5340, 5100, 5200,<br>5900, 6000, 7100, 7200 |
| Direction of Rotation: | Right                                             |

Hydraulic Pumps



|                        |                                                                                            |
|------------------------|--------------------------------------------------------------------------------------------|
| Tractor's Brand:       | FORD                                                                                       |
| Applied To:            | FORD 6610                                                                                  |
| OEM Ref No:            | D8NN600AC / E0NN600AB<br>E0NN600AC / 83957379                                              |
| Manufactory Ref No:    | 5110, 5610, 6410, 6610,<br>6810, 7410, 7610, 6710,<br>7710, 7810, 7910, 8210<br>7010, 8010 |
| Direction of Rotation: | Right                                                                                      |

Hydraulic Pumps



|                        |                                                          |
|------------------------|----------------------------------------------------------|
| Tractor's Brand:       | FORD                                                     |
| Applied To:            | FORD 6600                                                |
| OEM Ref No:            | D8NN600KB / E8NN600KB<br>D6NN600F / 83908244<br>83936586 |
| Manufactory Ref No:    | 5600, 5700, 6600, 6700,<br>7600, 7700                    |
| Direction of Rotation: | Right                                                    |

Hydraulic Pumps



|                        |                                       |
|------------------------|---------------------------------------|
| Tractor's Brand:       | FORD                                  |
| Applied To:            | FORD 6640                             |
| OEM Ref No:            | F0NN600BB<br>81871528                 |
| Manufactory Ref No:    | 5640, 6640, 7740, 7840,<br>8240, 8340 |
| Direction of Rotation: | Right                                 |

Hydraulic Pumps



|                       |                                         |
|-----------------------|-----------------------------------------|
| Tractor's Brand:      | FORD                                    |
| Applied To:           | Ford 3500, 4000, 4100, 4200, 4400, 4500 |
| OEM Ref No:           | D0NN600F                                |
| Manufactory Ref No:   |                                         |
| Direction of Rotation |                                         |

Hydraulic Pumps



|                       |                                                                 |
|-----------------------|-----------------------------------------------------------------|
| Tractor's Brand:      | FORD                                                            |
| Applied To:           | FORD 4500                                                       |
| OEM Ref No:           | D8NN600LB<br>83936585                                           |
| Manufactory Ref No:   | 3930, 4400, 4500, 4610,<br>545, 4630, 3430, 3400,<br>4600, 4410 |
| Direction of Rotation | Right                                                           |

Hydraulic Pumps



|                       |                                        |
|-----------------------|----------------------------------------|
| Tractor's Brand:      | FORD                                   |
| Applied To:           | FORD 7600                              |
| OEM Ref No:           | E1NN600AB<br>83928509<br>93996272      |
| Manufactory Ref No:   | 5600, 5700, 6600, 6700,<br>7600, 7 700 |
| Direction of Rotation |                                        |

Hydraulic Pumps



|                       |                                                      |
|-----------------------|------------------------------------------------------|
| Tractor's Brand:      | FORD                                                 |
| Applied To:           | Ford 8000 8600 8700 9000 9600 9700 TW10<br>TW20 TW30 |
| OEM Ref No:           | 83903943                                             |
| Manufactory Ref No:   |                                                      |
| Direction of Rotation |                                                      |

Hydraulic Pumps



|                       |                                            |
|-----------------------|--------------------------------------------|
| Tractor's Brand:      | FORD                                       |
| Applied To:           | TW10, TW15, TW20, TW25, TW30, TW35,<br>TW5 |
| OEM Ref No:           | D8NN600FA / 83913537                       |
| Manufactory Ref No:   |                                            |
| Direction of Rotation |                                            |

Hydraulic Pumps



|                       |                                             |
|-----------------------|---------------------------------------------|
| Tractor's Brand:      | FORD                                        |
| Applied To:           | TW30, TW35                                  |
| OEM Ref No:           | E2NN600BA, D8NN600GA, 83913536,<br>83945584 |
| Manufactory Ref No:   |                                             |
| Direction of Rotation |                                             |



Hydraulic Pumps



|                       |             |
|-----------------------|-------------|
| Tractor's Brand:      | FORD        |
| Applied To:           |             |
| OEM Ref No:           | E6NN3K514EA |
| Manufactory Ref No:   |             |
| Direction of Rotation | Left        |

Hydraulic Pumps



|                       |              |
|-----------------------|--------------|
| Tractor's Brand:      | FORD         |
| Applied To:           |              |
| OEM Ref No:           | E6NN3K514EAB |
| Manufactory Ref No:   |              |
| Direction of Rotation | Left         |

Hydraulic Pumps



|                       |                                         |
|-----------------------|-----------------------------------------|
| Tractor's Brand:      | FORD                                    |
| Applied To:           | Ford 2610 3610 4610 5610 6610 7610 7710 |
| OEM Ref No:           | E6NN3K514PA                             |
| Manufactory Ref No:   |                                         |
| Direction of Rotation |                                         |

Hydraulic Pumps



|                       |                      |
|-----------------------|----------------------|
| Tractor's Brand:      | FORD                 |
| Applied To:           | 8700 TW10 TW25 TW30+ |
| OEM Ref No:           | E0N3K514AB           |
| Manufactory Ref No:   |                      |
| Direction of Rotation |                      |

Hydraulic Pumps



|                          |               |
|--------------------------|---------------|
|                          | ZCB-1413L/930 |
| MANUFACTORY REF No.:     |               |
| Nominal displacement     | 11.0ml/r      |
| Maximum pressure         | 140bar        |
| Highest rotational speed | 3200r/min     |
| Controlled flow rate     | 13.0L/min     |
| Fuel feed hole           | M32×1.5-6H    |
| Fuel discharge hole      | 3/4-16UNF     |
| Direction of rotation    | Left          |

Hydraulic Pumps



|                          |                 |
|--------------------------|-----------------|
|                          | ZCB-1413L/930-1 |
| MANUFACTORY REF No.:     | AR420           |
| Nominal displacement     | 8ml/r           |
| Maximum pressure         | 200bar          |
| Highest rotational speed | 3200r/min       |
| Controlled flow rate     | 14.0L/min       |
| Fuel feed hole           | M32×1.5-6H      |
| Fuel discharge hole      | 3/4-16UNF       |
| Direction of rotation    | Left            |

Hydraulic Pumps



|                          |               |
|--------------------------|---------------|
| OEM REF No.: FORD        |               |
| Nominal displacement     | 16.0ml/r      |
| Maximum pressure         | 250bar        |
| Highest rotational speed | 500-3000r/min |
| Controlled flow rate     | 24.0L/min     |
| Fuel feed hole           | Φ20           |
| Fuel discharge hole      | Φ15           |
| Direction of rotation    | Right         |

Hydraulic Pumps



|                                |                  |
|--------------------------------|------------------|
| MANUFACTORY REF No.: D8NN600KB |                  |
| OEM REF No.: FORD              |                  |
| Nominal displacement           | 21.5 + 4.2ml/r   |
| Maximum pressure               | 180+&40bar       |
| Highest rotational speed       | 500-3000r/min    |
| Controlled flow rate           | 32.2/6.3L/min    |
| Fuel feed hole                 | 2x5/16-18UNC-Φ20 |
| Direction of rotation          | Φ12.5&Rc1/8-27   |
| Fuel discharge hole            | Right            |

Hydraulic Pumps



|                          |           |
|--------------------------|-----------|
| OEM REF No.: FORD        |           |
| Nominal displacement     | 16.0ml/r  |
| Maximum pressure         | 250bar    |
| Highest rotational speed | 3000r/min |
| Controlled flow rate     | 24.0L/min |
| Fuel feed hole           | Φ20       |
| Fuel discharge hole      | Φ20       |
| Direction of rotation    | Left      |

Hydraulic Pumps



|                                 |                 |
|---------------------------------|-----------------|
| MANUFACTORY REF No.: 20A 16×086 |                 |
| OEM REF No.: FORD               |                 |
| Nominal displacement            | 10ml/r          |
| Maximum pressure                | 250bar          |
| Highest rotational speed        | 600-3000r/min   |
| Controlled flow rate            | 15.0L/min       |
| Fuel feed hole                  | 1"1/16-12UNF-2B |
| Fuel discharge hole             | 3/4-16UNF-2B    |
| Direction of rotation           | Left            |

DEUTZ TARCTOR  
HYDRAULIC GEAR  
PUMPS



Hydraulic Pumps



|                                   |               |
|-----------------------------------|---------------|
| MANUFACTORY REF No.: 05106 158322 |               |
| OEM REF No.: DEUTZ                |               |
| Nominal displacement              | 15.77ml/r     |
| Maximum pressure                  | 100bar        |
| Highest rotational speed          | 600-3200r/min |
| Controlled flow rate              | 16.0L/min     |
| Fuel feed hole                    | Φ20           |
| Fuel discharge hole               | M18×1.5       |
| Direction of rotation             | Left          |

Hydraulic Pumps



|                                   |               |
|-----------------------------------|---------------|
| MANUFACTORY REF No.: CB-F16L/1047 |               |
| OEM REF No.: 20A16X007 DEUTZ      |               |
| Nominal displacement              | 16.0ml/r      |
| Maximum pressure                  | 250bar/160bar |
| Highest rotational speed          | 3000r/min     |
| Controlled flow rate              |               |
| Fuel feed hole                    | Φ20×4-M6      |
| Fuel discharge hole               | Φ15×4-M6      |
| Direction of rotation             | Left          |

Hydraulic Pumps



|                                 |               |
|---------------------------------|---------------|
| MANUFACTORY REF No.: 1515105039 |               |
| OEM REF No.: DEUTZ              |               |
| Nominal displacement            | 23.0ml/r      |
| Maximum pressure                | 160bar        |
| Highest rotational speed        | 500-3000r/min |
| Controlled flow rate            | 28.0L/min     |
| Fuel feed hole                  | Φ20           |
| Fuel discharge hole             | Φ15           |
| Direction of rotation           | Right         |

Hydraulic Pumps



|                                 |               |
|---------------------------------|---------------|
| MANUFACTORY REF No.: 1515105039 |               |
| OEM REF No.: DEUTZ              |               |
| Nominal displacement            | 15.0ml/r      |
| Maximum pressure                | 160bar        |
| Highest rotational speed        | 500-3000r/min |
| Controlled flow rate            | 10.0L/min     |
| Fuel feed hole                  | Φ19           |
| Fuel discharge hole             | M18×1.5       |
| Direction of rotation           | Right         |

DEUTZ TARCTOR  
HYDRAULIC GEAR PUMPS

Hydraulic Pumps



|                           |               |
|---------------------------|---------------|
| Tractor's Brand:          | DEUTZ         |
| OEM Ref No:               | DEUTZ         |
| Manufactory Ref No:       | FL912-913     |
| Nominal Displacement:     | 16.0ml/r      |
| Maximum Pressure:         | 175bar        |
| Highest Rotational Speed: | 600-3200r/min |
| Controlled Flow Rate:     | 6.0L/min      |
| Fuel Feed Hole:           | Φ20           |
| Fuel Discharge Hole:      | Φ15           |
| Direction of Rotation:    | Left          |

Hydraulic Pumps



|                           |               |
|---------------------------|---------------|
| Tractor's Brand:          | DEUTZ         |
| OEM Ref No:               | DEUTZ         |
| Manufactory Ref No:       | FL912-913     |
| Nominal Displacement:     | 19.0ml/r      |
| Maximum Pressure:         | 175bar        |
| Highest Rotational Speed: | 600-3200r/min |
| Controlled Flow Rate:     | 6.0L/min      |
| Fuel Feed Hole:           | Φ20           |
| Fuel Discharge Hole:      | Φ15           |
| Direction of Rotation:    | Left          |

Hydraulic Pumps



|                           |           |
|---------------------------|-----------|
| Tractor's Brand:          | DEUTZ     |
| OEM Ref No:               | DEUTZ     |
| Manufactory Ref No:       | 18CC+12CC |
| Nominal Displacement:     | 17.50ml/r |
| Maximum Pressure:         | 250bar    |
| Highest Rotational Speed: | 3000r/min |
| Controlled Flow Rate:     | 24.0L/min |
| Fuel Feed Hole:           | Φ20&Φ15   |
| Fuel Discharge Hole:      | Φ14&Φ14   |
| Direction of Rotation:    | Left      |

Hydraulic Pumps



|                                 |               |
|---------------------------------|---------------|
| ZCB-1016R/95                    |               |
| MANUFACTORY REF No.: 1515105039 |               |
| OEM REF No.: DEUTZ              |               |
| Nominal displacement            | 15.77ml/r     |
| Maximum pressure                | 100bar        |
| Highest rotational speed        | 500-3600r/min |
| Controlled flow rate            | 18.0L/min     |
| Fuel feed hole                  | Φ20           |
| Fuel discharge hole             | M18 × 1.5     |
| Direction of rotation           | Right         |

Hydraulic Pumps



|                          |                |
|--------------------------|----------------|
| ZCB-2012/1014-1          |                |
| MANUFACTORY REF No.:     |                |
| OEM REF No.: DEUTZ       |                |
| Nominal displacement     | 11.0ml/r       |
| Maximum pressure         | 20bar          |
| Highest rotational speed | 3600r/min      |
| Controlled flow rate     | 12.0L/min      |
| Fuel feed hole           | 4*M8/PDC40-Φ19 |
| Fuel discharge hole      | M18X1.5        |
| Direction of rotation    | Right          |

Hydraulic Pumps



|                                  |               |
|----------------------------------|---------------|
| CB-1016L/224                     |               |
| MANUFACTORY REF No.: 05106 15333 |               |
| OEM REF No.: DEUTZ FL912-913     |               |
| Nominal displacement             | 16.0ml/r      |
| Maximum pressure                 | 175bar        |
| Highest rotational speed         | 600-3200r/min |
| Controlled flow rate             | 16.0L/min     |
| Fuel feed hole                   | Φ20           |
| Fuel discharge hole              | Φ15           |
| Direction of rotation            | Left          |

Hydraulic Pumps



|                          |                   |
|--------------------------|-------------------|
| CB-F11-8L/1045           |                   |
| MANUFACTORY REF No.:     |                   |
| OEM REF No.: DEUTZ       |                   |
| Nominal displacement     | 11/8ml/r          |
| Maximum pressure         | 60bar/160bar      |
| Highest rotational speed | 3000r/min         |
| Controlled flow rate     | 28.0L/min         |
| Fuel feed hole           | Φ20×4-M6/Φ20×4-M6 |
| Fuel discharge hole      | Φ15×4-M6/Φ15×4-M6 |
| Direction of rotation    | Left              |



# FIAT TARCTOR HYDRAULIC GEAR PUMPS



Hydraulic Pumps



**FIAT**

|                           |               |
|---------------------------|---------------|
| Tractor's Brand:          | FIAT          |
| OEM Ref No:               | FIAT 640      |
| Manufactory Ref No:       | 7930          |
| Nominal Displacement:     | 11.0ml/r      |
| Maximum Pressure:         | 160bar        |
| Highest Rotational Speed: | 500–3200r/min |
| Controlled Flow Rate:     | 16.0L/min     |
| Fuel Feed Hole:           | Φ20           |
| Fuel Discharge Hole:      | Φ13.6         |
| Direction of Rotation:    | Left          |

Hydraulic Pumps



**FIAT**

|                           |               |
|---------------------------|---------------|
| Tractor's Brand:          | FIAT          |
| OEM Ref No:               | FIAT 480      |
| Manufactory Ref No:       | 7930          |
| Nominal Displacement:     | 11.0ml/r      |
| Maximum Pressure:         | 160bar        |
| Highest Rotational Speed: | 500–3200r/min |
| Controlled Flow Rate:     | 16.0L/min     |
| Fuel Feed Hole:           | Φ20           |
| Fuel Discharge Hole:      | Φ13.6         |
| Direction of Rotation:    | Right         |

Hydraulic Pumps



**FIAT**

|                           |               |
|---------------------------|---------------|
| Tractor's Brand:          | FIAT          |
| OEM Ref No:               | FIAT          |
| Manufactory Ref No:       |               |
| Nominal Displacement:     | 11.0ml/r      |
| Maximum Pressure:         | 160bar        |
| Highest Rotational Speed: | 500–3000r/min |
| Controlled Flow Rate:     | 6.0L/min      |
| Fuel Feed Hole:           | Φ13.6         |
| Fuel Discharge Hole:      | Φ13.6         |
| Direction of Rotation:    | Right         |

Hydraulic Pumps



**FIAT**

|                           |               |
|---------------------------|---------------|
| Tractor's Brand:          | FIAT          |
| OEM Ref No:               | FIAT          |
| Manufactory Ref No:       | 5129488       |
| Nominal Displacement:     | 19.0ml/r      |
| Maximum Pressure:         | 160bar        |
| Highest Rotational Speed: | 500–3000r/min |
| Controlled Flow Rate:     | 6.0L/min      |
| Fuel Feed Hole:           | Φ13.6         |
| Fuel Discharge Hole:      | Φ13.6         |
| Direction of Rotation:    | Right         |

Hydraulic Pumps



**FIAT**

|                           |               |
|---------------------------|---------------|
| Tractor's Brand:          | FIAT          |
| OEM Ref No:               | FIAT 640BH    |
| Manufactory Ref No:       |               |
| Nominal Displacement:     | 11.0ml/r      |
| Maximum Pressure:         | 160bar        |
| Highest Rotational Speed: | 500–3000r/min |
| Controlled Flow Rate:     | 6.0L/min      |
| Fuel Feed Hole:           | M18*1.5       |
| Fuel Discharge Hole:      | M16*1.5       |
| Direction of Rotation:    | Right         |

Hydraulic Pumps



**FIAT**

|                           |               |
|---------------------------|---------------|
| Tractor's Brand:          | FIAT          |
| OEM Ref No:               | FIAT 480BH    |
| Manufactory Ref No:       |               |
| Nominal Displacement:     | 11.0ml/r      |
| Maximum Pressure:         | 160bar        |
| Highest Rotational Speed: | 500–3000r/min |
| Controlled Flow Rate:     | 6.0L/min      |
| Fuel Feed Hole:           | M18*1.5       |
| Fuel Discharge Hole:      | M16*1.5       |
| Direction of Rotation:    | Left          |

Hydraulic Pumps



**FIAT**

|                           |               |
|---------------------------|---------------|
| Tractor's Brand:          | FIAT          |
| OEM Ref No:               | FIAT 640SH    |
| Manufactory Ref No:       |               |
| Nominal Displacement:     | 13.0ml/r      |
| Maximum Pressure:         | 160bar        |
| Highest Rotational Speed: | 500–3000r/min |
| Controlled Flow Rate:     | 6.0L/min      |
| Fuel Feed Hole:           | 5/8–18UNF     |
| Fuel Discharge Hole:      | M14*1.5       |
| Direction of Rotation:    | Right         |

Hydraulic Pumps



**FIAT**

|                           |               |
|---------------------------|---------------|
| Tractor's Brand:          | FIAT          |
| OEM Ref No:               | FIAT 480SH    |
| Manufactory Ref No:       |               |
| Nominal Displacement:     | 13.0ml/r      |
| Maximum Pressure:         | 160bar        |
| Highest Rotational Speed: | 500–3000r/min |
| Controlled Flow Rate:     | 6.0L/min      |
| Fuel Feed Hole:           | 5/8–18UNF     |
| Fuel Discharge Hole:      | M14*1.5       |
| Direction of Rotation:    | Left          |



Hydraulic Pumps



|                           |               |
|---------------------------|---------------|
| CB-1016L/190              |               |
| MANUFACTORY REF No.: 7930 |               |
| OEM REF No.: FIAT640      |               |
| Nominal displacement      | 11.0ml/r      |
| Maximum pressure          | 160bar        |
| Highest rotational speed  | 500–3000r/min |
| Controlled flow rate      | 16.0L/min     |
| Fuel feed hole            | Φ20           |
| Fuel discharge hole       | Φ13.6         |
| Direction of rotation     | Left          |

Hydraulic Pumps



|                          |               |
|--------------------------|---------------|
| CB-1016L/190-1           |               |
| MANUFACTORY REF No.:     |               |
| OEM REF No.: FIAT640     |               |
| Nominal displacement     | 12.5ml/r      |
| Maximum pressure         | 200bar        |
| Highest rotational speed | 500–3000r/min |
| Controlled flow rate     | 186.0L/min    |
| Fuel feed hole           | Φ20           |
| Fuel discharge hole      | Φ15           |
| Direction of rotation    | Left          |

Hydraulic Pumps



|                           |          |
|---------------------------|----------|
| ZCB-1016R/918A            |          |
| MANUFACTORY REF No.: Fiat |          |
| OEM REF No.:              |          |
| Nominal displacement      | 11.0ml/r |
| Maximum pressure          | 100bar   |
| Highest rotational speed  | 150r/min |
| Controlled flow rate      |          |
| Fuel feed hole            | Φ20      |
| Fuel discharge hole       | Φ13.6    |
| Direction of rotation     | Right    |

Hydraulic Pumps



|                               |            |
|-------------------------------|------------|
| CB-F11-8L/1045                |            |
| MANUFACTORY REF No.: 87759440 |            |
| OEM REF No.:                  |            |
| Nominal displacement          | 11.0ml/r   |
| Maximum pressure              | 90bar      |
| Highest rotational speed      | 3200r/min  |
| Controlled flow rate          | 18.0L/min  |
| Fuel feed hole                | 5/8–18UNF  |
| Fuel discharge hole           | 9/16–18UNF |
| Direction of rotation         | Left       |

Hydraulic Pumps



|                           |               |
|---------------------------|---------------|
| CB-1016R/191              |               |
| MANUFACTORY REF No.: 7930 |               |
| OEM REF No.: FIAT480      |               |
| Nominal displacement      | 11.0ml/r      |
| Maximum pressure          | 160bar        |
| Highest rotational speed  | 500–3000r/min |
| Controlled flow rate      | 16.0L/min     |
| Fuel feed hole            | Φ20           |
| Fuel discharge hole       | Φ13.6         |
| Direction of rotation     | Right         |

Hydraulic Pumps



|                           |          |
|---------------------------|----------|
| ZCB-1011L/918             |          |
| MANUFACTORY REF No.: FIAT |          |
| OEM REF No.:              |          |
| Nominal displacement      | 11.0ml/r |
| Maximum pressure          | 100bar   |
| Highest rotational speed  | 150r/min |
| Controlled flow rate      |          |
| Fuel feed hole            | Φ20      |
| Fuel discharge hole       | Φ13.6    |
| Direction of rotation     | Left     |

Hydraulic Pumps



|                                |                  |
|--------------------------------|------------------|
| CB-1618L/928                   |                  |
| MANUFACTORY REF No.: A42XP435S |                  |
| OEM REF No.: FIAT              |                  |
| Nominal displacement           | 18.0ml/r         |
| Maximum pressure               | 200bar           |
| Highest rotational speed       | 3000r/min        |
| Controlled flow rate           | 26.3L/min        |
| Fuel feed hole                 | Φ19.2/4–M8/PCD40 |
| Fuel discharge hole            | Φ14.2/4×M6/PCD35 |
| Direction of rotation          | Left             |

Hydraulic Pumps



|                          |               |
|--------------------------|---------------|
| CB-1615L/928-1           |               |
| MANUFACTORY REF No.:     |               |
| OEM REF No.: FIAT        |               |
| Nominal displacement     | 15.0ml/r      |
| Maximum pressure         | 160bar        |
| Highest rotational speed | 500–3000r/min |
| Controlled flow rate     | 10.0L/min     |
| Fuel feed hole           | Φ19           |
| Fuel discharge hole      | Φ14.2         |
| Direction of rotation    | Left          |

Hydraulic Pumps



|                          |               |
|--------------------------|---------------|
| CB-1611/928-2            |               |
| MANUFACTORY REF No.:     |               |
| OEM REF No.: FIAT        |               |
| Nominal displacement     | 11.0ml/r      |
| Maximum pressure         | 160bar        |
| Highest rotational speed | 500–3000r/min |
| Controlled flow rate     | 6.0L/min      |
| Fuel feed hole           | M18 × 1.5     |
| Fuel discharge hole      | M16 × 1.5     |
| Direction of rotation    | Right         |

Hydraulic Pumps



|                          |               |
|--------------------------|---------------|
| CB-1611/928-3            |               |
| MANUFACTORY REF No.:     |               |
| OEM REF No.: FIAT        |               |
| Nominal displacement     | 11.0ml/r      |
| Maximum pressure         | 160bar        |
| Highest rotational speed | 500–3000r/min |
| Controlled flow rate     | 6.0L/min      |
| Fuel feed hole           | M18 × 1.5     |
| Fuel discharge hole      | M16 × 1.5     |
| Direction of rotation    | Left          |

Hydraulic Pumps



|                          |               |
|--------------------------|---------------|
| CB-2015R/942-3           |               |
| MANUFACTORY REF No.:     |               |
| OEM REF No.: FIAT        |               |
| Nominal displacement     | 19.0ml/r      |
| Maximum pressure         | 225bar        |
| Highest rotational speed | 500–3000r/min |
| Controlled flow rate     | 28.5L/min     |
| Fuel feed hole           | Φ19           |
| Fuel discharge hole      | Φ14           |
| Direction of rotation    | Left          |

Hydraulic Pumps



|                          |           |
|--------------------------|-----------|
| CB-1620L/949             |           |
| MANUFACTORY REF No.: A42 |           |
| OEM REF No.:             |           |
| Nominal displacement     | 20.0ml/r  |
| Maximum pressure         | 200bar    |
| Highest rotational speed | 2000r/min |
| Controlled flow rate     | 30.0L/min |
| Fuel feed hole           | Φ20       |
| Fuel discharge hole      | Φ15       |
| Direction of rotation    | Left      |

Hydraulic Pumps



|                          |           |
|--------------------------|-----------|
| CB-2015R/942             |           |
| MANUFACTORY REF No.: C33 |           |
| OEM REF No.:             |           |
| Nominal displacement     | 15.0ml/r  |
| Maximum pressure         | 225bar    |
| Highest rotational speed | 1500r/min |
| Controlled flow rate     | 22.5L/min |
| Fuel feed hole           | Φ19.2     |
| Fuel discharge hole      | Φ14.2     |
| Direction of rotation    | Right     |

Hydraulic Pumps



|                          |                    |
|--------------------------|--------------------|
| CB-2015R/942-1           |                    |
| MANUFACTORY REF No.:     |                    |
| OEM REF No.: FIAT        |                    |
| Nominal displacement     | 15.0ml/r           |
| Maximum pressure         | 250bar             |
| Highest rotational speed | 3000r/min          |
| Controlled flow rate     | 26.7L/min          |
| Fuel feed hole           | Φ19/4–M8/PCD40     |
| Fuel discharge hole      | Φ14.2/4 × M8/PCD30 |
| Direction of rotation    | Left               |

Hydraulic Pumps



|                          |           |
|--------------------------|-----------|
| CB-1609R/949-1           |           |
| MANUFACTORY REF No.: C18 |           |
| OEM REF No.: FIAT        |           |
| Nominal displacement     | 9.0ml/r   |
| Maximum pressure         | 200bar    |
| Highest rotational speed | 2000r/min |
| Controlled flow rate     | 13.5L/min |
| Fuel feed hole           | Φ13       |
| Fuel discharge hole      | Φ13       |
| Direction of rotation    | Right     |

Hydraulic Pumps



|                          |           |
|--------------------------|-----------|
| CB-1613R/949-2           |           |
| MANUFACTORY REF No.: C25 |           |
| OEM REF No.: FIAT        |           |
| Nominal displacement     | 13.0ml/r  |
| Maximum pressure         | 200bar    |
| Highest rotational speed | 2000r/min |
| Controlled flow rate     | 19.5L/min |
| Fuel feed hole           | Φ19.2     |
| Fuel discharge hole      | Φ14.2     |
| Direction of rotation    | Right     |

Hydraulic Pumps



| CB-1613L/949-3           |           |
|--------------------------|-----------|
| MANUFACTORY REF No.: A25 |           |
| OEM REF No.: FIAT        |           |
| Nominal displacement     | 13.0ml/r  |
| Maximum pressure         | 200bar    |
| Highest rotational speed | 2000r/min |
| Controlled flow rate     | 19.5L/min |
| Fuel feed hole           | Φ19.2     |
| Fuel discharge hole      | Φ14.2     |
| Direction of rotation    | Left      |

Hydraulic Pumps



| CB-1615L/949-4           |           |
|--------------------------|-----------|
| MANUFACTORY REF No.: A33 |           |
| OEM REF No.: FIAT        |           |
| Nominal displacement     | 15.0ml/r  |
| Maximum pressure         | 200bar    |
| Highest rotational speed | 2000r/min |
| Controlled flow rate     | 22.5L/min |
| Fuel feed hole           | Φ19.2     |
| Fuel discharge hole      | Φ14.2     |
| Direction of rotation    | Left      |

Hydraulic Pumps



| CB-1616R/949-9           |           |
|--------------------------|-----------|
| MANUFACTORY REF No.:     |           |
| OEM REF No.: FIAT        |           |
| Nominal displacement     | 16.0ml/r  |
| Maximum pressure         | 200bar    |
| Highest rotational speed | 3000r/min |
| Controlled flow rate     | 11.0L/min |
| Fuel feed hole           | Φ19       |
| Fuel discharge hole      | Φ13.5     |
| Direction of rotation    | Right     |

Hydraulic Pumps



| CB-1619R/949-11              |               |
|------------------------------|---------------|
| MANUFACTORY REF No.: 5179726 |               |
| OEM REF No.: FIAT            |               |
| Nominal displacement         | 19.0ml/r      |
| Maximum pressure             | 200bar        |
| Highest rotational speed     | 500–3000r/min |
| Controlled flow rate         | 28.5L/min     |
| Fuel feed hole               | Φ20           |
| Fuel discharge hole          | Φ14           |
| Direction of rotation        | Right         |

Hydraulic Pumps



| CB-1613/949-5            |           |
|--------------------------|-----------|
| MANUFACTORY REF No.:     |           |
| OEM REF No.: FIAT        |           |
| Nominal displacement     | 13.0ml/r  |
| Maximum pressure         | 200bar    |
| Highest rotational speed | 2000r/min |
| Controlled flow rate     | 19.5L/min |
| Fuel feed hole           | 5/8–18UNF |
| Fuel discharge hole      | M14 × 1.5 |
| Direction of rotation    | Right     |

Hydraulic Pumps



| CB-1613L/949-6           |           |
|--------------------------|-----------|
| MANUFACTORY REF No.:     |           |
| OEM REF No.: FIAT        |           |
| Nominal displacement     | 13.0ml/r  |
| Maximum pressure         | 200bar    |
| Highest rotational speed | 2000r/min |
| Controlled flow rate     | 19.5L/min |
| Fuel feed hole           | 5/8–18UNF |
| Fuel discharge hole      | M14 × 1.5 |
| Direction of rotation    | Left      |

Hydraulic Pumps



| CB-1615R/949-10                   |               |
|-----------------------------------|---------------|
| MANUFACTORY REF No.: 5179728      |               |
| OEM REF No.: FIAT 5129486/5169039 |               |
| Nominal displacement              | 15.0ml/r      |
| Maximum pressure                  | 200bar        |
| Highest rotational speed          | 500–3000r/min |
| Controlled flow rate              | 22.5L/min     |
| Fuel feed hole                    | Φ19           |
| Fuel discharge hole               | Φ14           |
| Direction of rotation             | Right         |

Hydraulic Pumps



| ZCB-0021R/1018                    |               |
|-----------------------------------|---------------|
| MANUFACTORY REF No.:              |               |
| OEM REF No.: FIAT/2TR19DVR20U2 FB |               |
| Nominal displacement              | 19.0ml/r      |
| Maximum pressure                  | 160bar        |
| Highest rotational speed          | 500–3000r/min |
| Controlled flow rate              | 21.0L/min     |
| Fuel feed hole                    | Φ20           |
| Fuel discharge hole               | M18 × 1.5     |
| Direction of rotation             | Right         |

Hydraulic Pumps



|                             |               |
|-----------------------------|---------------|
| ZCB-0021R/1018-1            |               |
| MANUFACTORY REF No.:        |               |
| OEM REF No.: 2TR16DVR19U1FP |               |
| Nominal displacement        | 16.0ml/r      |
| Maximum pressure            | 160bar        |
| Highest rotational speed    | 500–3000r/min |
| Controlled flow rate        | 21.0L/min     |
| Fuel feed hole              | Φ20           |
| Fuel discharge hole         | M18 × 1.5     |
| Direction of rotation       | Left          |

Hydraulic Pumps



|                                   |               |
|-----------------------------------|---------------|
| CB-B3.7L/1031                     |               |
| MANUFACTORY REF No.:              |               |
| OEM REF No.: FIAT IVECO 504140125 |               |
|                                   | 3.7ml/r       |
| Maximum pressure                  | 5MPa          |
| Highest rotational speed          | 500–3000r/min |
| Controlled flow rate              | 5.5L/min      |
| Fuel feed hole                    | M16 × 1.5     |
| Fuel discharge hole               | M16 × 1.5     |
| Direction of rotation             | Left          |



Hydraulic Pumps



|                          |               |
|--------------------------|---------------|
| CB-E6.5L/1036            |               |
| MANUFACTORY REF No.:     |               |
| OEM REF No.: 311547576   |               |
| Nominal displacement     | 6.5ml/r       |
| Maximum pressure         | 16MPa         |
| Highest rotational speed | 500–3000r/min |
| Controlled flow rate     |               |
| Fuel feed hole           | φ 15          |
| Fuel discharge hole      | φ 8           |
| Direction of rotation    | Left          |

Hydraulic Pumps



|                          |                     |
|--------------------------|---------------------|
| CB-F31/1063              |                     |
| MANUFACTORY REF No.:     |                     |
| OEM REF No.: A72         |                     |
| Nominal displacement     | 31ml/r              |
| Maximum pressure         | 25MPa               |
| Highest rotational speed | 2500r/min           |
| Controlled flow rate     |                     |
| Fuel feed hole           | 4*M10/PDC50.7– φ 27 |
| Fuel discharge hole      | 4*M8/PDC39.7– φ 19  |
| Direction of rotation    | Right               |

Hydraulic Pumps



|                          |                     |
|--------------------------|---------------------|
| CB-F31L/1063-1           |                     |
| MANUFACTORY REF No.:     |                     |
| OEM REF No.: C72         |                     |
| Nominal displacement     | 31ml/r              |
| Maximum pressure         | 25MPa               |
| Highest rotational speed | 2500r/min           |
| Controlled flow rate     |                     |
| Fuel feed hole           | 4*M10/PDC50.7– φ 27 |
| Fuel discharge hole      | 4*M8/PDC39.7– φ 19  |
| Direction of rotation    |                     |

DEUTZ FAHR TARCTOR  
HYDRAULIC GEAR PUMPS



Hydraulic Pumps



|                           |            |
|---------------------------|------------|
| Tractor's Brand:          | DEUTZ FAHR |
| OEM Ref No:               | CBN-E314R  |
| Manufactory Ref No:       |            |
| Nominal Displacement:     | 14ml/r     |
| Maximum Pressure:         | 16Mpa      |
| Highest Rotational Speed: | 2500r/min  |
| Controlled Flow Rate:     |            |
| Fuel Feed Hole:           | Φ18        |
| Fuel Discharge Hole:      | Φ14        |
| Direction of Rotation:    | Right      |

Hydraulic Pumps



|                           |                   |
|---------------------------|-------------------|
| Tractor's Brand:          | DEUTZ FAHR        |
| OEM Ref No:               | CD704-1.40.011/10 |
| Manufactory Ref No:       |                   |
| Nominal Displacement:     | 10ml/r            |
| Maximum Pressure:         | 10Mpa             |
| Highest Rotational Speed: | 2000r/min         |
| Controlled Flow Rate:     |                   |
| Fuel Feed Hole:           | Φ14               |
| Fuel Discharge Hole:      | M18X1.5-6H        |
| Direction of Rotation:    | Right             |

Hydraulic Pumps



|                           |              |
|---------------------------|--------------|
| Apply to:                 | DEUTZ FAHR   |
| OEM Ref No:               | C60.58.001.0 |
| Manufactory Ref No:       |              |
| Nominal Displacement:     | 14ml/r       |
| Maximum Pressure:         | 16Mpa        |
| Highest Rotational Speed: | 2500r/min    |
| Controlled Flow Rate:     |              |
| Fuel Feed Hole:           | Φ18          |
| Fuel Discharge Hole:      | Φ14          |
| Direction of Rotation:    | Left         |



UTB TARCTOR  
HYDRAULIC GEAR  
PUMPS

Hydraulic Pumps



|                           |               |
|---------------------------|---------------|
| Tractor's Brand:          | UTB           |
| OEM Ref No:               | PRD 54 T-00   |
| Manufactory Ref No:       | UTB 650       |
| Nominal Displacement:     | 11.0ml/r      |
| Maximum Pressure:         | 160bar        |
| Highest Rotational Speed: | 500-3200r/min |
| Controlled Flow Rate:     | 12.0L/min     |
| Fuel Feed Hole:           | Φ20           |
| Fuel Discharge Hole:      | Φ13.6         |
| Direction of Rotation:    | Left          |



Hydraulic Pumps



|                           |                 |
|---------------------------|-----------------|
| Tractor's Brand:          | MASSEY FERGUSON |
| OEM Ref No:               | MF-HEMA         |
| Manufactory Ref No:       | MF #10 pump     |
| Nominal Displacement:     | 5.0ml/r         |
| Maximum Pressure:         | 120bar          |
| Highest Rotational Speed: | 3600r/min       |
| Controlled Flow Rate:     | 5.0L/min        |
| Fuel Feed Hole:           | NPT3/8          |
| Fuel Discharge Hole:      | NPT1/4          |
| Direction of Rotation:    | Right           |

Hydraulic Pumps



|                           |                 |
|---------------------------|-----------------|
| Tractor's Brand:          | MASSEY FERGUSON |
| OEM Ref No:               |                 |
| Manufactory Ref No:       | MF375           |
| Nominal Displacement:     | 6.2ml/r         |
| Maximum Pressure:         | 175bar          |
| Highest Rotational Speed: | 3000r/min       |
| Controlled Flow Rate:     | 9.3L/min        |
| Fuel Feed Hole:           | M18*1.5-6H      |
| Fuel Discharge Hole:      | M18*1.5-6H      |
| Direction of Rotation:    | Left            |

Hydraulic Pumps



|                           |                 |
|---------------------------|-----------------|
| Tractor's Brand:          | MASSEY FERGUSON |
| OEM Ref No:               | MF-AHS          |
| Manufactory Ref No:       | MF #9 pump      |
| Nominal Displacement:     | 6.0ml/r         |
| Maximum Pressure:         | 120bar          |
| Highest Rotational Speed: | 500-3600r/min   |
| Controlled Flow Rate:     | 6.0L/min        |
| Fuel Feed Hole:           | NPT3/8          |
| Fuel Discharge Hole:      | NPT1/4          |
| Direction of Rotation:    | Right           |

Hydraulic Pumps



|                           |                 |
|---------------------------|-----------------|
| Tractor's Brand:          | MASSEY FERGUSON |
| OEM Ref No:               |                 |
| Manufactory Ref No:       | MF385           |
| Nominal Displacement:     | 6.2ml/r         |
| Maximum Pressure:         | 160bar          |
| Highest Rotational Speed: | 1500r/min       |
| Controlled Flow Rate:     | 9.3L/min        |
| Fuel Feed Hole:           | M18*1.5-6H      |
| Fuel Discharge Hole:      | M18*1.5-6H      |
| Direction of Rotation:    | Left            |

Hydraulic Pumps



|                                          |              |
|------------------------------------------|--------------|
| CB-17509L/390                            |              |
| MANUFACTORY REF No.: MASSEY FERGUSON 375 |              |
| OEM REF No.:                             |              |
| Nominal displacement                     | 6.2ml/r      |
| Maximum pressure                         | 175bar       |
| Highest rotational speed                 | 3000r/min    |
| Controlled flow rate                     | 9.3L/min     |
| Fuel feed hole                           | M18 × 1.5-6H |
| Fuel discharge hole                      | M18 × 1.5-6H |
| Direction of rotation                    | Left         |

Hydraulic Pumps



|                                    |               |
|------------------------------------|---------------|
| CB-1009L/390-1                     |               |
| MANUFACTORY REF No.: 3115 370 93/1 |               |
| OEM REF No.: MF 897147 M92         |               |
| Nominal displacement               | 6.2ml/r       |
| Maximum pressure                   | 100bar        |
| Highest rotational speed           | 3000r/min     |
| Controlled flow rate               | 9.3L/min      |
| Fuel feed hole                     | 9/16-18UNF-2B |
| Fuel discharge hole                | 9/16-18UNF-2B |
| Direction of rotation              | Left          |

Hydraulic Pumps



|                          |               |
|--------------------------|---------------|
| CB-1606L/390-2           |               |
| MANUFACTORY REF No.:     |               |
| OEM REF No.:             |               |
| Nominal displacement     | 6.2ml/r       |
| Maximum pressure         | 160bar        |
| Highest rotational speed | 2500r/min     |
| Controlled flow rate     | 9.3L/min      |
| Fuel feed hole           | 9/16-18UNF-2B |
| Fuel discharge hole      | 9/16-18UNF-2B |
| Direction of rotation    | Left          |

Hydraulic Pumps



|                          |              |
|--------------------------|--------------|
| CB-1008L/408             |              |
| MANUFACTORY REF No.:     |              |
| OEM REF No.:             |              |
| Nominal displacement     | 5.2ml/r      |
| Maximum pressure         | 225bar       |
| Highest rotational speed | 3600r/min    |
| Controlled flow rate     | 15.0L/min    |
| Fuel feed hole           | M18 × 1.5-6H |
| Fuel discharge hole      | M18 × 1.5-6H |
| Direction of rotation    | Left         |

Hydraulic Pumps



|                          |               |
|--------------------------|---------------|
| CB-1005L/408-1           |               |
| MANUFACTORY REF No.:     |               |
| OEM REF No.: MF          |               |
| Nominal displacement     | 5.2ml/r       |
| Maximum pressure         | 100bar        |
| Highest rotational speed | 1500r/min     |
| Controlled flow rate     | 1500.0L/min   |
| Fuel feed hole           | 9/16–18UNF–2B |
| Fuel discharge hole      | 9/16–18UNF–2B |
| Direction of rotation    | Left          |

Hydraulic Pumps



|                                  |              |
|----------------------------------|--------------|
| CB-1805L/423                     |              |
| MANUFACTORY REF No.: 3819972 M91 |              |
| OEM REF No.: MASSEY FERGUSON     |              |
| Nominal displacement             | 5.2ml/r      |
| Maximum pressure                 | 175bar       |
|                                  | 4500r/min    |
| Controlled flow rate             | 7.8L/min     |
| Fuel feed hole                   | M18 × 1.5–6H |
| Fuel discharge hole              | M18 × 1.5–6H |
| Direction of rotation            | Left         |

Hydraulic Pumps



|                               |                          |
|-------------------------------|--------------------------|
| CB-F08+12L/939-1              |                          |
| MANUFACTORY REF No.: 052107T1 |                          |
| OEM REF No.: MF               |                          |
| Nominal displacement          | 8.0ml/r;12.0ml/r         |
| Maximum pressure              | 200bar                   |
| Highest rotational speed      | 500–3000r/min            |
| Controlled flow rate          | 12.0L/min;rear 18.0L/min |
| Fuel feed hole                | Φ20;Φ20                  |
| Fuel discharge hole           | Φ15;Φ15                  |
| Direction of rotation         | Left                     |

Hydraulic Pumps



|                                 |               |
|---------------------------------|---------------|
| CB-1121R/965                    |               |
| MANUFACTORY REF No.: 4249207M91 |               |
| OEM REF No.: MF                 |               |
| Nominal displacement            | 11.0ml/r      |
| Maximum pressure                | 210bar        |
| Highest rotational speed        | 500–3000r/min |
| Controlled flow rate            | 16.0L/min     |
| Fuel feed hole                  | Φ16           |
| Fuel discharge hole             | Φ10           |
| Direction of rotation           | Right         |

Hydraulic Pumps



|                          |              |
|--------------------------|--------------|
| CB-1606L/938             |              |
| MANUFACTORY REF No.:     |              |
| OEM REF No.: MF385       |              |
| Nominal displacement     | 6.2ml/r      |
| Maximum pressure         | 160bar       |
| Highest rotational speed | 1500r/min    |
| Controlled flow rate     | 9.3L/min     |
| Fuel feed hole           | M18 × 1.5–6H |
| Fuel discharge hole      | M18 × 1.5–6H |
| Direction of rotation    | Left         |

Hydraulic Pumps



|                            |                     |
|----------------------------|---------------------|
| CB-D10+08L/939             |                     |
| MANUFACTORY REF No.: P0030 |                     |
| OEM REF No.: 3597706M91    |                     |
| Nominal displacement       | 11.0ml/r;8.0ml/r    |
| Maximum pressure           | 100bar              |
| Highest rotational speed   | 1500r/min           |
| Controlled flow rate       | 16L/min;11.5L/min   |
| Fuel feed hole             | Φ20;M18 × 1.5       |
| Fuel discharge hole        | M18 × 1.5;M18 × 1.5 |
| Direction of rotation      | Left                |

Hydraulic Pumps



|                                 |               |
|---------------------------------|---------------|
| CB-0521L/966                    |               |
| MANUFACTORY REF No.: 1927P00101 |               |
| OEM REF No.: MF                 |               |
| Nominal displacement            | 5.0ml/r       |
| Maximum pressure                | 210bar        |
| Highest rotational speed        | 500–3000r/min |
| Controlled flow rate            | 7.0L/min      |
| Fuel feed hole                  | Φ15           |
| Fuel discharge hole             | Φ10           |
| Direction of rotation           | Left          |

Hydraulic Pumps



|                          |           |
|--------------------------|-----------|
| ZCB-1206R/968            |           |
| MANUFACTORY REF No.:     |           |
| OEM REF No.: MF          |           |
| Nominal displacement     | 6.0ml/r   |
| Maximum pressure         | 120bar    |
| Highest rotational speed | 3600r/min |
| Controlled flow rate     | 6.0L/min  |
| Fuel feed hole           | NPT3/8    |
| Fuel discharge hole      | NPT1/4    |
| Direction of rotation    | Right     |

Hydraulic Pumps



ZCB-1205R/969

|                          |           |
|--------------------------|-----------|
| MANUFACTORY REF No.:     |           |
| OEM REF No.: MF          |           |
| Nominal displacement     | 5.0ml/r   |
| Maximum pressure         | 120bar    |
| Highest rotational speed | 3600r/min |
| Controlled flow rate     | 5.0L/min  |
| Fuel feed hole           | NPT3/8    |
| Fuel discharge hole      | NPT1/4    |
| Direction of rotation    | Right     |

Hydraulic Pumps



CB-17518L/971

|                                  |                |
|----------------------------------|----------------|
| MANUFACTORY REF No.: 3225772 M92 |                |
| OEM REF No.: MF                  |                |
| Nominal displacement             | 16.0ml/r       |
| Maximum pressure                 | 175bar         |
| Highest rotational speed         | 3200r/min      |
| Controlled flow rate             | 18.0L/min      |
| Fuel feed hole                   | Φ20/4-M6/PCD40 |
| Fuel discharge hole              | M18 x 1.5      |
| Direction of rotation            | Left           |

Hydraulic Pumps



ZCB-1106R/1020

|                                |               |
|--------------------------------|---------------|
| MANUFACTORY REF No.: 523090M91 |               |
| OEM REF No.: MF                |               |
| Nominal displacement           | 6.0ml/r       |
| Maximum pressure               | 110bar        |
| Highest rotational speed       | 500-3000r/min |
| Controlled flow rate           | 7.2L/min      |
| Fuel feed hole                 | 9/16-18UNF-2B |
| Fuel discharge hole            | 9/16-18UNF-2B |
| Direction of rotation          | Right         |

Hydraulic Pumps



ZCB-1106R/1020-1

|                                |               |
|--------------------------------|---------------|
| MANUFACTORY REF No.: 523092M91 |               |
| OEM REF No.: MF                |               |
| Nominal displacement           | 6.0ml/r       |
| Maximum pressure               | 110bar        |
| Highest rotational speed       | 500-3000r/min |
| Controlled flow rate           | 7.2L/min      |
| Fuel feed hole                 | 9/16-18UNF-2B |
| Fuel discharge hole            | 9/16-18UNF-2B |
| Direction of rotation          | Right         |

Hydraulic Pumps



CB-1105L/990

|                                            |            |
|--------------------------------------------|------------|
| MANUFACTORY REF No.:                       |            |
| OEM REF No.: 3148760M91BOSCH NO.9540082507 |            |
| Nominal displacement                       | 5.0ml/r    |
| Maximum pressure                           | 110bar     |
| Highest rotational speed                   | 3200r/min  |
| Controlled flow rate                       | 7.5L/min   |
| Fuel feed hole                             | 9/16-18UNF |
| Fuel discharge hole                        | 9/16-18UNF |
| Direction of rotation                      | Left       |

Hydraulic Pumps



CB-1105L/990-2

|                          |  |
|--------------------------|--|
| MANUFACTORY REF No.:     |  |
| OEM REF No.:             |  |
| Nominal displacement     |  |
| Maximum pressure         |  |
| Highest rotational speed |  |
| Controlled flow rate     |  |
| Fuel feed hole           |  |
| Fuel discharge hole      |  |
| Direction of rotation    |  |

Hydraulic Pumps



ZCB-1106L/1020-2

|                                |               |
|--------------------------------|---------------|
| MANUFACTORY REF No.: 523089M91 |               |
| OEM REF No.: MF                |               |
| Nominal displacement           | 6.0ml/r       |
| Maximum pressure               | 110bar        |
| Highest rotational speed       | 500-3000r/min |
| Controlled flow rate           | 7.2L/min      |
| Fuel feed hole                 | 9/16-18UNF-2B |
| Fuel discharge hole            | 9/16-18UNF-2B |
| Direction of rotation          | Left          |

Hydraulic Pumps



ZCB-604R/1056

|                            |               |
|----------------------------|---------------|
| MANUFACTORY REF No.:       |               |
| OEM REF No.: MF 311537091M |               |
| Nominal displacement       | 6.0ml/r       |
| Maximum pressure           | 11MPa         |
| Highest rotational speed   | 500-3000r/min |
| Controlled flow rate       |               |
| Fuel feed hole             | M16 x 1.5     |
| Fuel discharge hole        | M14 x 1.5     |
| Direction of rotation      | Right         |



Hydraulic Pumps



|                          |               |
|--------------------------|---------------|
| ZCB-1621L/1056-1         |               |
| MANUFACTORY REF No.:     |               |
| OEM REF No.: MF          |               |
| Nominal displacement     | 6.0ml/r       |
| Maximum pressure         | 11MPa         |
| Highest rotational speed | 500–3000r/min |
| Controlled flow rate     |               |
| Fuel feed hole           | M16 × 1.5     |
| Fuel discharge hole      | M14 × 1.5     |
| Direction of rotation    | Left          |

Hydraulic Pumps



|                          |            |
|--------------------------|------------|
| CB-C07L/1058             |            |
| MANUFACTORY REF No.:     |            |
| OEM REF No.: 1686765M91  |            |
| Nominal displacement     | 7ml/r      |
| Maximum pressure         | 5MPa       |
| Highest rotational speed | 3000r/min  |
| Controlled flow rate     |            |
| Fuel feed hole           | 9/16–18UNF |
| Fuel discharge hole      | 9/16–18UNF |
| Direction of rotation    | Left       |

Hydraulic Pumps



|                          |                  |
|--------------------------|------------------|
| CB-C14+7.5L/1059         |                  |
| MANUFACTORY REF No.:     |                  |
| OEM REF No.: 886821M94   |                  |
| Nominal displacement     | 14.0ml/r&7.5ml/r |
| Maximum pressure         | 10MPa&7MPa       |
| Highest rotational speed | 3000r/min        |
| Controlled flow rate     |                  |
| Fuel feed hole           | 3/4–16UNF        |
| Fuel discharge hole      | 9/16–18UNF       |
| Direction of rotation    | Left             |



Hydraulic Pumps



OEM REF No.: AL156335, AL117812

Hydraulic Pumps



OEM REF No.: ARE223233

Hydraulic Pumps



OEM REF No.: RE73947, RE72058

Hydraulic Pumps



OEM REF No.: RE68886 / RE57445

Hydraulic Pumps



OEM REF No.: AZ19692, 1598626790

Hydraulic Pumps



OEM REF No.: RE241578

Hydraulic Pumps



OEM REF No.: R71587

Hydraulic Pumps



OEM REF No.: AL82778

TARCTOR  
HYDRAULIC GEAR  
PUMPS

Hydraulic Pumps



|                           |                                                       |
|---------------------------|-------------------------------------------------------|
| Apply to:                 | TARCTORS                                              |
| OEM Ref No:               | CBTLQ-E422/E420- ALΦ13                                |
| Nominal Displacement:     | 22/20ml/r                                             |
| Maximum Pressure:         | 20/20Mpa                                              |
| Highest Rotational Speed: | 2800r/min                                             |
| Controlled Flow Rate:     |                                                       |
| Fuel Feed Hole:           | M27X2-6H $\varnothing$ 18 / M27X2-6H $\varnothing$ 18 |
| Fuel Discharge Hole:      | M33X2-6H $\varnothing$ 20 / M27X2-6H $\varnothing$ 20 |
| Direction of Rotation:    | Right                                                 |

Hydraulic Pumps



|                           |                             |
|---------------------------|-----------------------------|
| Apply to:                 | TARCTORS                    |
| OEM Ref No:               | HLCB-D06/08                 |
| Nominal Displacement:     | 8ml/r                       |
| Maximum Pressure:         |                             |
| Highest Rotational Speed: | 3000r/min                   |
| Controlled Flow Rate:     | M18X1.5-6H $\varnothing$ 18 |
| Fuel Feed Hole:           | M18X1.5-6H $\varnothing$ 18 |
| Fuel Discharge Hole:      |                             |
| Direction of Rotation:    | Right                       |

Hydraulic Pumps



|                           |             |
|---------------------------|-------------|
| Apply to:                 | TARCTORS    |
| OEM Ref No:               | CBT2-F201.7 |
| Nominal Displacement:     | 1.7mL/r     |
| Maximum Pressure:         | 20Mpa       |
| Highest Rotational Speed: | 2800r/min   |
| Controlled Flow Rate:     |             |
| Fuel Feed Hole:           |             |
| Fuel Discharge Hole:      |             |
| Direction of Rotation:    | Left        |

Hydraulic Pumps



|                           |             |
|---------------------------|-------------|
| Apply to:                 | TARCTORS    |
| OEM Ref No:               | CBT2-F202.5 |
| Nominal Displacement:     | 2.5mL/r     |
| Maximum Pressure:         | 20Mpa       |
| Highest Rotational Speed: | 2800r/min   |
| Controlled Flow Rate:     |             |
| Fuel Feed Hole:           |             |
| Fuel Discharge Hole:      |             |
| Direction of Rotation:    | Left        |

Hydraulic Pumps



|                           |                             |
|---------------------------|-----------------------------|
| Apply to:                 | TARCTORS                    |
| OEM Ref No:               | CBA $\varnothing$ 1036/1014 |
| Nominal Displacement:     | 36 /14ml/r                  |
| Maximum Pressure:         | 20/20Mpa                    |
| Highest Rotational Speed: | 2500r/min                   |
| Controlled Flow Rate:     |                             |
| Fuel Feed Hole:           |                             |
| Fuel Discharge Hole:      |                             |
| Direction of Rotation:    | Right                       |

FORKLIFT  
HYDRAULIC GEAR  
PUMPS

FORKLIFT  
FUEL FEED  
PUMPS

Hydraulic Pumps



|                           |             |
|---------------------------|-------------|
| Apply to:                 | FORKLIFTS   |
| OEM Ref No:               | YH30H-05000 |
| Manufactory Ref No:       |             |
| Nominal Displacement:     | 14ml/r      |
| Maximum Pressure:         | 2.0Mpa      |
| Highest Rotational Speed: | 3000r/min   |
| Controlled Flow Rate:     |             |
| Fuel Feed Hole:           |             |
| Fuel Discharge Hole:      |             |
| Direction of Rotation:    |             |

Hydraulic Pumps



|                           |                  |
|---------------------------|------------------|
| Apply to:                 | FORKLIFTS        |
| OEM Ref No:               | CBHZG-F34-ALΦ13L |
| Nominal Displacement:     | 34ml/r           |
| Maximum Pressure:         | 25Mpa            |
| Highest Rotational Speed: | 3000r/min        |
| Controlled Flow Rate:     |                  |
| Fuel Feed Hole:           |                  |
| Fuel Discharge Hole:      |                  |
| Direction of Rotation:    | Left             |

Hydraulic Pumps



|                           |               |
|---------------------------|---------------|
| Apply to:                 | FORKLIFTS     |
| OEM Ref No:               | CBFZ-F32ALK1X |
| Nominal Displacement:     | 32ml/r        |
| Maximum Pressure:         | 25Mpa         |
| Highest Rotational Speed: | 3000r/min     |
| Controlled Flow Rate:     |               |
| Fuel Feed Hole:           |               |
| Fuel Discharge Hole:      |               |
| Direction of Rotation:    | Left          |

Hydraulic Pumps



|                           |               |
|---------------------------|---------------|
| Apply to:                 | FORKLIFTS     |
| OEM Ref No:               | CBHZA-F36-AFΦ |
| Nominal Displacement:     | 36ml/r        |
| Maximum Pressure:         | 25Mpa         |
| Highest Rotational Speed: | 3000r/min     |
| Controlled Flow Rate:     |               |
| Fuel Feed Hole:           |               |
| Fuel Discharge Hole:      |               |
| Direction of Rotation:    | Right         |

Hydraulic Pumps



|                           |            |
|---------------------------|------------|
| Apply to:                 | FORKLIFTS  |
| OEM Ref No:               | CPC30.5.18 |
| Nominal Displacement:     | 32ml/r     |
| Maximum Pressure:         | 25Mpa      |
| Highest Rotational Speed: | 3000r/min  |
| Controlled Flow Rate:     |            |
| Fuel Feed Hole:           |            |
| Fuel Discharge Hole:      |            |
| Direction of Rotation:    | Left       |

Hydraulic Pumps



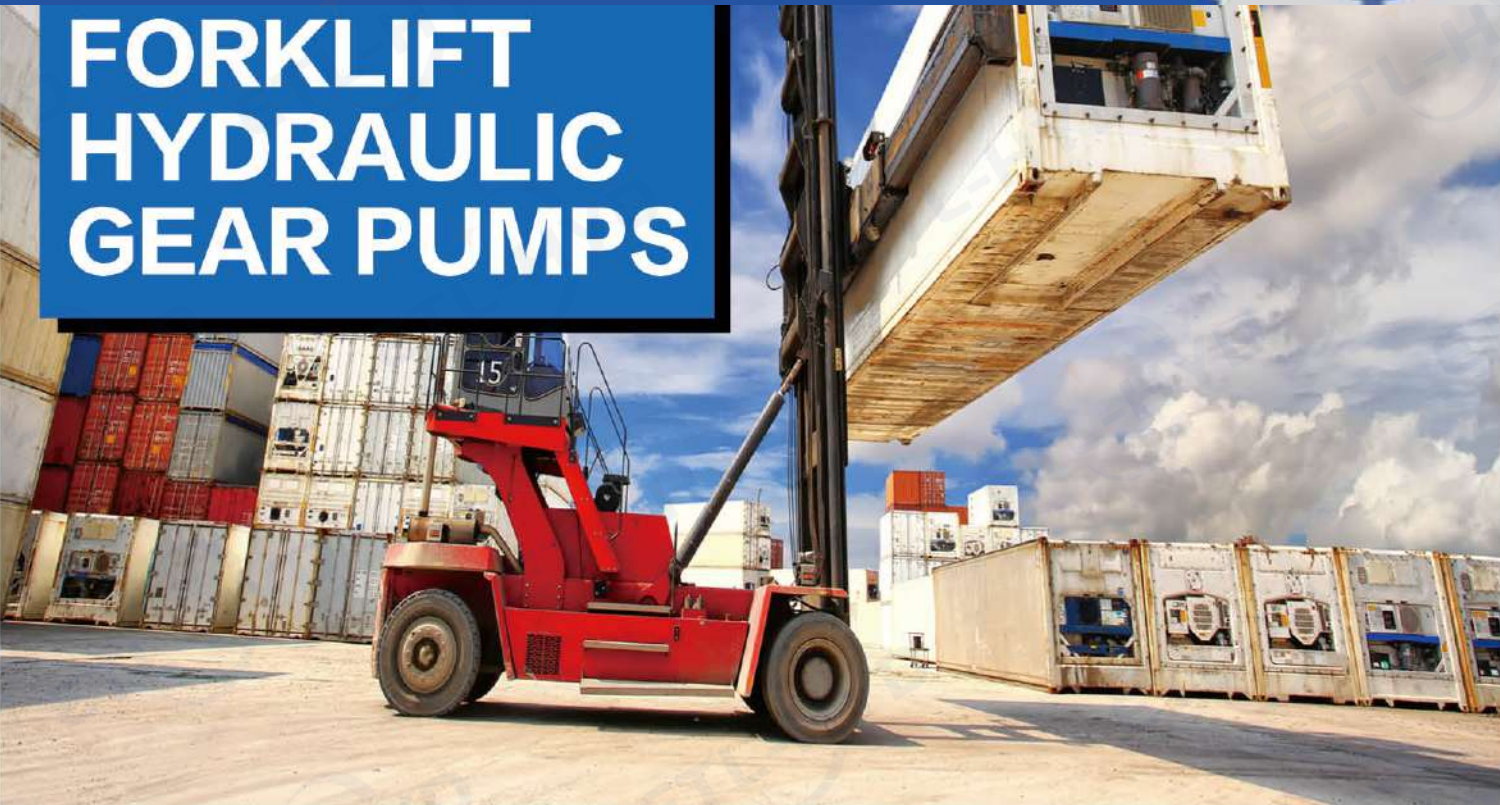
|                           |                   |
|---------------------------|-------------------|
| Apply to:                 | FORKLIFTS         |
| OEM Ref No:               | SGP1A36A1H1-L534D |
| Nominal Displacement:     | 35.7ml/r          |
| Maximum Pressure:         | 24.5Mpa           |
| Highest Rotational Speed: | 3000r/min         |
| Controlled Flow Rate:     |                   |
| Fuel Feed Hole:           |                   |
| Fuel Discharge Hole:      |                   |
| Direction of Rotation:    | Left              |

Hydraulic Pumps



|                           |                  |
|---------------------------|------------------|
| Apply to:                 | FORKLIFTS        |
| OEM Ref No:               | CBHZ-F31.5-ALH6L |
| Nominal Displacement:     | 31.5ml/r         |
| Maximum Pressure:         | 25Mpa            |
| Highest Rotational Speed: | 3000r/min        |
| Controlled Flow Rate:     |                  |
| Fuel Feed Hole:           |                  |
| Fuel Discharge Hole:      |                  |
| Direction of Rotation:    | Left             |

FORKLIFT  
HYDRAULIC  
GEAR PUMPS



Hydraulic Pumps



|                           |               |
|---------------------------|---------------|
| Apply to:                 | FORKLIFTS     |
| OEM Ref No:               | CBHV-F32-AL5Φ |
| Nominal Displacement:     | 32ml/r        |
| Maximum Pressure:         | 25Mpa         |
| Highest Rotational Speed: | 3000r/min     |
| Controlled Flow Rate:     |               |
| Fuel Feed Hole:           |               |
| Fuel Discharge Hole:      |               |
| Direction of Rotation:    | Right         |

Hydraulic Pumps



|                           |               |
|---------------------------|---------------|
| Apply to:                 | FORKLIFTS     |
| OEM Ref No:               | CBFZ-F32ALK1X |
| Nominal Displacement:     | 32ml/r        |
| Maximum Pressure:         | 25Mpa         |
| Highest Rotational Speed: | 3000r/min     |
| Controlled Flow Rate:     |               |
| Fuel Feed Hole:           |               |
| Fuel Discharge Hole:      |               |
| Direction of Rotation:    | Left          |

Hydraulic Pumps



|                           |                |
|---------------------------|----------------|
| Apply to:                 | FORKLIFTS      |
| OEM Ref No:               | CBHZG-F32-ALHL |
| Nominal Displacement:     | 32ml/r         |
| Maximum Pressure:         | 20Mpa          |
| Highest Rotational Speed: | 3000r/min      |
| Controlled Flow Rate:     |                |
| Fuel Feed Hole:           |                |
| Fuel Discharge Hole:      |                |
| Direction of Rotation:    | Left           |

Hydraulic Pumps



|                           |             |
|---------------------------|-------------|
| Apply to:                 | FORKLIFTS   |
| OEM Ref No:               | H2MD7-10031 |
| Nominal Displacement:     | 28.2ml/r    |
| Maximum Pressure:         | 25Mpa       |
| Highest Rotational Speed: | 4000r/min   |
| Controlled Flow Rate:     |             |
| Fuel Feed Hole:           |             |
| Fuel Discharge Hole:      |             |
| Direction of Rotation:    | Left        |

HARVESTER  
HYDRAULIC GEAR  
PUMPS



Hydraulic Pumps



|                           |                  |
|---------------------------|------------------|
| Apply to:                 | HARVESTERS       |
| OEM Ref No:               | YH4.60.37a (11T) |
| Nominal Displacement:     | 16/10ml/r        |
| Maximum Pressure:         | 20Mpa            |
| Highest Rotational Speed: | 3000r/min        |
| Controlled Flow Rate:     |                  |
| Fuel Feed Hole:           |                  |
| Fuel Discharge Hole:      |                  |
| Direction of Rotation:    | Right            |

Hydraulic Pumps



|                           |                 |
|---------------------------|-----------------|
| Apply to:                 | HARVESTERS      |
| OEM Ref No:               | YH4.60.37 (16T) |
| Nominal Displacement:     | 16/10ml/r       |
| Maximum Pressure:         | 20Mpa           |
| Highest Rotational Speed: | 900-3000r/min   |
| Controlled Flow Rate:     |                 |
| Fuel Feed Hole:           |                 |
| Fuel Discharge Hole:      |                 |
| Direction of Rotation:    | Right           |

LOG SPLITTER  
PUMPS



LOG Splitter Pumps



|                           |               |
|---------------------------|---------------|
| Apply to:                 | LOG SPLITTERS |
| OEM Ref No:               | CBNA-6.3/2.1  |
| Nominal Displacement:     | 6.3/2.1ml/r   |
| Maximum Pressure:         | 2.5/20Mpa     |
| Highest Rotational Speed: | 3600r/min     |
| Controlled Flow Rate:     |               |
| Fuel Feed Hole:           | Φ25.4         |
| Fuel Discharge Hole:      | NPT1/2        |
| Direction of Rotation:    | Right         |

LOG Splitter Pumps



|                           |               |
|---------------------------|---------------|
| Apply to:                 | LOG SPLITTERS |
| OEM Ref No:               | 2CB-E8.8/2.1  |
| Nominal Displacement:     | 8.8/2.1ml/r   |
| Maximum Pressure:         | 2.5/20Mpa     |
| Highest Rotational Speed: | 3600r/min     |
| Controlled Flow Rate:     |               |
| Fuel Feed Hole:           | Φ25.4         |
| Fuel Discharge Hole:      | NPT1/2        |
| Direction of Rotation:    | Right         |

LOG Splitter Pumps



|                           |               |
|---------------------------|---------------|
| Apply to:                 | LOG SPLITTERS |
| OEM Ref No:               | CBNA-13/3.0   |
| Nominal Displacement:     | 13/3.0ml/r    |
| Maximum Pressure:         | 2.5/20Mpa     |
| Highest Rotational Speed: | 3600r/min     |
| Controlled Flow Rate:     |               |
| Fuel Feed Hole:           | Φ25.4         |
| Fuel Discharge Hole:      | NPT1/2        |
| Direction of Rotation:    | Right         |

LOG Splitter Pumps



|                           |               |
|---------------------------|---------------|
| Apply to:                 | LOG SPLITTERS |
| OEM Ref No:               | CBNA-15/3.0   |
| Nominal Displacement:     | 15/3.0ml/r    |
| Maximum Pressure:         | 2.5/21Mpa     |
| Highest Rotational Speed: | 3600r/min     |
| Controlled Flow Rate:     |               |
| Fuel Feed Hole:           | Φ25.4         |
| Fuel Discharge Hole:      | NPT1/2        |
| Direction of Rotation:    | Right         |

LOG Splitter Pumps



|                           |               |
|---------------------------|---------------|
| Apply to:                 | LOG SPLITTERS |
| OEM Ref No:               | CBNA-8.8/3.6  |
| Nominal Displacement:     | 8.8/3.6ml/r   |
| Maximum Pressure:         | 2.5/20Mpa     |
| Highest Rotational Speed: | 3600r/min     |
| Controlled Flow Rate:     |               |
| Fuel Feed Hole:           | Φ25.4         |
| Fuel Discharge Hole:      | NPT1/2        |
| Direction of Rotation:    | Right         |

LOG Splitter Pumps



|                           |               |
|---------------------------|---------------|
| Apply to:                 | LOG SPLITTERS |
| OEM Ref No:               | 2CB-E13/1.8   |
| Nominal Displacement:     | 13/1.8ml/r    |
| Maximum Pressure:         | 2.5/20Mpa     |
| Highest Rotational Speed: | 3600r/min     |
| Controlled Flow Rate:     |               |
| Fuel Feed Hole:           | Φ25.4         |
| Fuel Discharge Hole:      | NPT1/2        |
| Direction of Rotation:    | Right         |

LOG Splitter Pumps



|                           |               |
|---------------------------|---------------|
| Apply to:                 | LOG SPLITTERS |
| OEM Ref No:               | 2CB-4.2/1.0   |
| Nominal Displacement:     | 4.2/1.0ml/r   |
| Maximum Pressure:         | 2.5/20Mpa     |
| Highest Rotational Speed: | 3600r/min     |
| Controlled Flow Rate:     |               |
| Fuel Feed Hole:           | Φ25.4         |
| Fuel Discharge Hole:      | NPT1/2        |
| Direction of Rotation:    | Right         |

LOG Splitter Pumps



|                           |               |
|---------------------------|---------------|
| Apply to:                 | LOG SPLITTERS |
| OEM Ref No:               | 2CB-E8.8/1.8  |
| Nominal Displacement:     | 15/3.0ml/r    |
| Maximum Pressure:         | 2.5/20Mpa     |
| Highest Rotational Speed: | 3600r/min     |
| Controlled Flow Rate:     |               |
| Fuel Feed Hole:           | Φ25.4         |
| Fuel Discharge Hole:      | NPT1/2        |
| Direction of Rotation:    | Right         |