

ZONE 2 450 HP TRIPLEX PUMP UNIT

- ✦ Flow rates up to 7.5 bpm / 315 gpm / 1,200 lpm
- ✦ Pressures up to 15,000 psi / 1034 bar
- ✦ Field proven & durable 450 hp Detroit Diesel 8V-92TA engine c / w full Zone 2 kit



Operation / Service

- General pumping
- High pressure well kill
- Fracturing / stimulation

Safety / Environmental

Suitable for operation in Zone 2 Hazardous Areas, supplied c/w:

- Exhaust gas manicoolers;
- Flametraps;
- Spark arrestors;
- Emergency stop;
- Shutdown system including overspeed.

Pressure relief valve supplied as standard. DNV 2.7-1 certified lifting frame with drip tray c/w drains integrated into base.

Triplex pump

Demay HD500 triplex pump supplied with 4" plungers capable of pressures up to 15k psi and flow rates up to 7.5 bpm.

Drivetrain

- Detroit Diesel 8V-92TA (450hp @ 2100 rpm);
- Pneumatic starter;
- 5 speed powershift Allison HT750 transmission;
- Pneumatic / mechanical control & shutdown system.

Control panel

Engraved stainless-steel control panel comprising central control of engine and transmission, and display of flow rate, pressure, and temperature gauges.

Weight

Unit weight: 11,000 kg

Dimensions

Length: 6,100 mm

Width: 2,438 mm

Height: 2,480mm

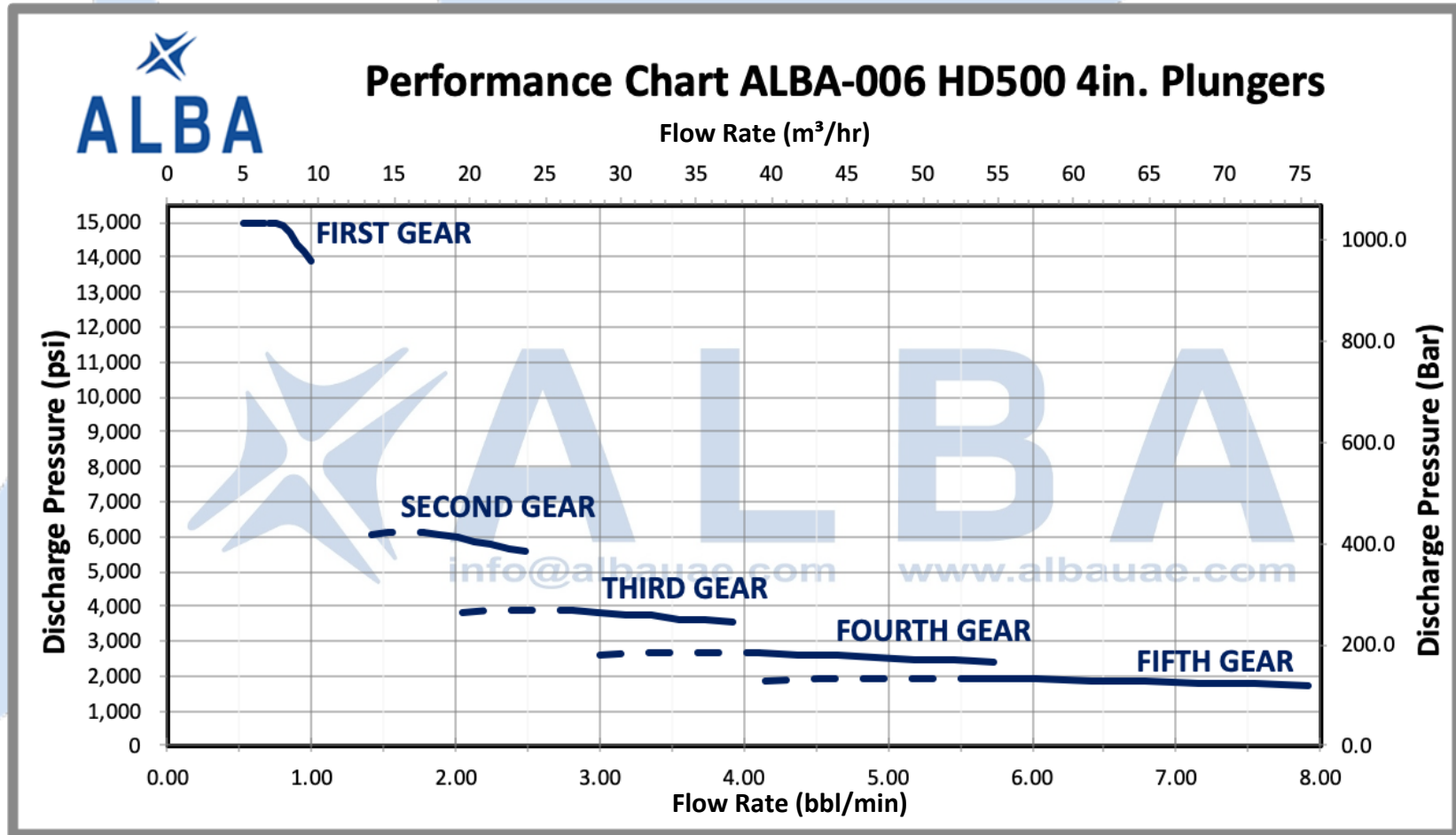
Ambient temperature

0 - 50°C (32 - 122°F)

Fuel consumption

0.5 gpm at full load.

Fuel tank capacity suitable for 8 hours operation at full load.



Note: Flow rates and pressures based on 100% volumetric efficiency and 90% mechanical efficiency. Solid line denotes approximate lock-up operation range (lock-up range is variable). Operation in lock-up is recommended.