

1982 VAN PELT TRIPLE

APPARATUS STATISTICAL INFORMATION

Make VAN PELT Model 1500 GPM PUMP Year 1982

LadenWeight 37,500 Front-13,500 Rear 24,000

TireSize Front 12R-22.5- Rear 12R – 22.5

Make of Engine DETROIT DIESEL Model -8V71TA Horsepower 370

No. of Cylinders 8 Cubic Inches 568

Capacity:

Fuel 50 gal

Crank 23 qts SAE 15w -40
+2 qts for filter

Transmission 35 qts - Dextron II

Pump Transmission *pts SAE-90 –140 multi-vis

Differential 28 pts SAE 90-140 multi-vis

Power Steering pts Dextron II

a common reservoir

Steering Housing pts Dextron II

Water Tank 500 gal

Transmission: HT 740 ALLISON AUTOMATIC

Main Pump-: HALE-Q-150 Type 2-STAGE CENTRIEUGAL

Rated Capacity 1500 GPM @ 150 psi

Priming Pump: HALE Type ROTARY VANE - POSITIVE DISPLACEMENT

1982 VAN PELT TRIPLE

Cylinders..... 8 Detroit Diesel

Cubic Inches & Horsepower..... 568 370 HP

Transmission..... Allison Auto - 4 speed

Gear Start..... 1 - 4 Normal

Operating Range _____rpm

Pump Capacity Hale Hale – 1500 gpm

Oil Capacity 25 qts, + 2 filter = 27

Fuel Tank Capacity 50 gallons

Water Capacity 500 gallons

Operating Oil psi 25 to 30 psi

Minimum Oil psi 25 psi

Operating Water Temperature 160-185 Warning @ 212

Draft - RPM's..... 1300 to 1500 RPM's

Transfer Valve 30 psi

Pumping Gear 4th Green Light

Priming Pump Rotary Vane

Minimum Brake psi 90 psi, Warning @ 60

Relief Valve Hale..... Hale