



## **Atransol 100** *Extra Heavy Duty Hydraulic Oil*

### **TECHNICAL DATA SHEET**

#### **Product Description:**

Veedol Atransol 100 is a premium quality high performance shear stable hydraulic oil and finds wide applications in the hydraulic systems of heavy duty earthmoving machinery. Veedol Atransol 100 exhibits very high viscosity index and very low pour point making it ideal as all weather type oil suitable for the earthmoving machinery operating under hostile environment. Veedol Atransol 100 possesses excellent anti-wear and anti-oxidation property which provides longer service life. It is finely filtered to meet the category of super clean hydraulic oil.

#### **Performance Specifications:**

Meets & exceeds the performance requirements of

- Denison Hydraulics HF-0
- Vickers M-2952-S, I-286-S, M-2950-S
- Mannesmann Rexroth RE 07 075
- ISO Standard 6743 Part 4, Type HV
- DIN 51524 Part 3
- AAMA Standard 524 Part 3
- US Steel 126 and 127

#### **Features/Benefits:**

- Special anti-wear additive package reduces wear and provides a good wear protection, thereby prolonging service life of moving parts.
- Being a high performance shear stable, multi-grade hydraulic oil, reduces breakdown in high pressure/high load hydraulic systems operating over a wide temperature range.
- Provides rust-protection and reduces corrosion of the parts.
- Excellent resistance to oxidation thereby giving longer service life.
- Has a tendency to reduce foam thereby minimize the chance of noisy operation.

#### **Application:**

- Veedol Atransol 100 is recommended as fluid media for hydraulic systems of heavy duty earthmoving machineries operating under severe conditions.
- Also suitable for circulation, splash bath and ring oiling system bearings (both plain and anti-friction) and gears of industrial machinery that require a long life lubricant.

#### **Typical Properties:**

<b>Test Parameter</b>	<b>ASTM Test Method</b>	<b>Typical Values</b>
Kinematic Viscosity, @ 40°C, cSt	ASTM D 445	108.5
Viscosity Index	ASTM D 2270	125
Flash Point (COC), °C	ASTM D 92	254
Pour Point, °C	ASTM D 97	-33

Properties mentioned above are typical only and minor variations which do not affect the product performances, are to be expected in normal manufacturing.