

TEXOL HYDRAULIC OIL HVI ISO VG 46



JV of: **gandhar**
oil refinery (india) ltd.

Product Description

Texol® Hydraulic Oil HVI ISO VG 46 is formulated with high quality base stocks and selected additives with a shear stable polymer that results in very high viscosity index to prolong equipment life. Additives are so selected that the product attains multi-viscosity character. It is designed to satisfy the performance requirements for a wide range of equipment operating under moderate to severe conditions, such as in marine, construction, mining and oil-industries. Vane and gear pumps operating under high pressure and low temperatures, as recommended by manufacturers.

Applications

Texol® Hydraulic Oil HVI ISO VG 46 is used widely all kinds of hydraulic power packs; heavy earth-moving equipment needing performance at high pressures & temperatures.

Features and Benefits

- Good oxidation stability provides long life to oil and equipment; contributes to reduction in total cost of operation.
- Outstanding wear protection reduces wear and helps to system component last longer.
- High-quality base oils combined with multifunctional additive technology provide outstanding anti-wear properties, rust protection, low varnish and deposit formation, oxidation resistance, good antifoam properties and fast air release properties, to protect and extend the life of hydraulic pumps and systems.
- Good hydrolytic stability and filterability, ensure optimum product life and performance, and prevent filter blocking.

Specifications, Approvals and Quality

- DIN 51524 PART 3 / Bosch Rexroth RDE 90235
- Denison HF-0, HF-1, HF-2/ Eaton E-FDGN-TB002-E
- Fives P68, P69, P70 / DIN 51524-2/ISO 1158
- GB 11118.1-2011 / ASTM D6158
- SAE MS 1004 / JCMAS P041 HK Hydraulic
- GM LS-2/ AIST126,127/ SEB 181222

Characteristics

Key Properties	Test Methods	Specification	Value
ISO VG Grade	---	46	46
Kinematic Viscosity @ 40°C, cSt	ASTM D 445	41.4 – 50.6	46
Kinematic Viscosity @ 100°C, cSt	ASTM D 445	---	8.0
Viscosity Index	ASTM D 2270	140 Min	150
Flash Point 0C	ASTM D 92	200 min	220
Pour Point, 0C	ASTM D 97	(-) 30 Max	(-) 36
Density @15°C	ASTM D 1296	---	0.87

Health and Safety

Detailed health and safety information for this product is provided in a Material Safety Data Sheet which is available upon request from our Texol sales office.