

Product Data Sheet

HIPRO HVI 32, 46, 68, 100

High VI Multi-grade Anti-Wear Hydraulic Oil

PRODUCT FEATURES

A premium multi-grade high viscosity anti-wear hydraulic oil formulated to meet the requirement of modern hydraulic systems which operating at low or wide range of temperatures. It is developed from quality base stocks and contain advanced anti-wear agents, rush and oxidation inhibitor and anti-foam to provide excellent shear stability, wear protection and rapid entrained air release.

APPLICATIONS

Recommended for use in industrial and mobile equipment applications and other hydraulic systems that have wide variation in system operating temperatures.

SPECIAL PROPERTISE

- ◆ High viscosity index with high shear stability.
- ◆ Excellent thermal stability and outstanding anti-wear and anti-corrosion properties
- ◆ Improved filterability and consequently less downtime
- ◆ Superior wear protection for maximum equipment life
- ◆ Excellent hydrolytic stability for improved protection.
- ◆ Good water separation characteristic.

PERFORMANCE CLAIMS

- ◆ DIN 51524, Part III
- ◆ Cincinnati Lamb P-68, P-69, and P-70
- ◆ U.S Steel 126, 127
- ◆ Vickers M-2950-S, I-286-S3
- ◆ Denison Parker HF-0, HF-1, HF-2
- ◆ ISO 11158
- ◆ ASTM D6158
- ◆ SAE MS1004
- ◆ Bosch Rexroth RE 90220
- ◆ JCMAS P041 HK Hydraulic Specification
- ◆ ANSI/AGMA 9005-E02-RO
- ◆ GM LS-2
- ◆ SEB 181222

TYPICAL SPECIFICATION

PROPERTY	UNIT	TEST METHOD	ISO 32	ISO 46	ISO 68	ISO 100
			SPECIFICATIONS			
Density at 15 deg C	Kg/l	ASTM D4052	0.8620	0.8700	0.8760	0.8820
Viscosity at 40 deg C	cSt	ASTM D445	32	46	68	100
Viscosity at 100 deg C	cSt	ASTM D445	6.3	8.1	10.9	14.5
Viscosity Index		ASTM D 2270	155	155	153	152
Flash Point COC	deg C	ASTM D 92	210	220	220	220
Pour Point	deg C	ASTM D 97	-36	-32	-30	-28

* The above specifications are typical of current production, variation in these characteristics may occur, but will not affect the product performance.

CAUTION: Continuous contact with used oil has caused skin cancer in lab animals. Avoid prolonged skin contact. Avoid eye contact. Wash skin thoroughly with soap and water after handling. Flush eyes with water for 15 minutes in case of contact. If swallowed, do not induce vomiting. Contact a physician immediately. **KEEP OUT OF REACH OF CHILDREN.**