

Multi-Vis Hydraulic Oils

Description

Multi-Vis Hydraulic Oils are shear stable hydraulic fluids designed for year round service. They are formulated with leading edge technology additives and viscosity modifiers to deliver superior performance across a broad range of startup and operating temperatures. **Multi-Vis Hydraulic Oils** also provide excellent low temperature pump-ability.

Multi-Vis Hydraulic Oils possess superior oxidation stability and are resistant to breakdown at high temperatures. They provide excellent anti-wear protection, filterability and demulsibility.

Multi-Vis Hydraulic Oils have been developed to meet or exceed the requirements of all conventional and high-output industrial and mobile hydraulic systems.



Features/Benefits

- Proven Field Performance
- Excellent Filterability
- Superior Anti-wear Protection
- Exceptional Water Separation
- Excellent Shear, Thermal and Oxidation Stability
- Resists Foaming in Service
- Excellent Low Temperature Properties

Meets or Exceeds the Requirements of:

ASTM D6158 HV, HVHP; Bosch Rexroth RDE-90235; Chinese Standard GB 11118.1 L-HM High Pressure and General; Danielli 0.000.001 Type 10 and 11 (ISO 46 and 68); DIN 51524-3 HVLP; Eaton Brochure 03-401-2010; Eaton Lubricant Specification E-FDGN-TB002-E; Eaton Vickers I-286-S, M-2950-S; Fives Cincinnati P-68, P-70, P-69 (ISO 32, 46, 68); GM LS-2; ISO 11158 HV; JCMAS HK P041; Parker Denison HF-1, HF-2, HF-0; SAE MS1004; Swedish Standard SS 155434:2015; U.S. Steel 126; ZF TE-ML 07H, TE-ML 21M

Typical Properties

Properties	32	46	68
Product Number	186	185	182
ISO Grade	32	46	68
API Gravity @ 60°F	31.9	31.5	30
Viscosity @ 40°C, cSt	32	46	68
Viscosity @ 100°C, cSt	6.3	8.1	10.4
Viscosity Index, typ	150	150	140
Pour Point °C, typ	-50	-46	-42
DIN 51524 Part 3	HVLP 32	HVLP 46	HVLP 68
FZG fail stage (A8.3/90) ISO 14635-1/DIN 51354	ND	11	11