



SHEAR STABLE HIGH OXIDATION MULTIGRADE HYDRAULIC OIL

Typical Properties

ISO Grade	46
Viscosity, cSt	
At 40 C	47.5
At 100 C	9.8
Viscosity Index	199
Flash Point, (COC) Deg F	390
Pour Point, Deg F	-49
Gravity, API @ 60 F	34.47
Oxidation hours	>10,000 hours
Rust Test, ASTM D-665 A & B	No Rust

The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.

This is a premium-quality anti-wear hydraulic oil with excellent shear stability, designed to help meet the most stringent requirements of users of hydraulic equipment. This oil is characterized by providing rust protection, low deposit formation, rapid release of entrained air, oxidation resistance, high viscosity index, low pour points, and good anti-foam properties. This oil is a combination of premium additives and specially selected high quality base oils designed to provide extra protection to hydraulic system components. It contains zinc based effective anti-wear agent that helps reduce wear in high-speed, high-pressure vane and gear pumps.

APPLICATIONS

Recommended for vane, gear, and piston-type pumps where operating pressures may exceed 3000 psi. This anti-wear hydraulic oil is very effective in reducing vane and gear pump wear and greatly extend the life of systems operating at high loads, speeds, and temperatures. This hydraulic oil is suitable for use in 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.