

HYDRAULIC OIL

MOTOSEL MV-22 Hydraulic Oil

MOTOSEL MV-22 Hydraulic Oil is a Multi-viscosity, anti-wear hydraulic oil, designed for use in hydraulic systems subjected to wide variations in ambient and operating temperatures. Multi-viscosity characteristics reduce the risk of breakdown in high pressure/high load hydraulic systems which operate over a wide temperature range. Anti-wear additive package reduces wear by protecting surfaces when load causes breakdown of the lubricant film. Rust and corrosion inhibitors give good protection against corrosion of both steel and copper. Good hydrolytic stability and water separation characteristics help provide filterability in the presence of water contamination. Good anti-foam and air release properties ensure smooth operation and system efficiency. Oxidation inhibitors help reduce oil thickening and deposit formation in service, minimizing the need for unscheduled change of hydraulic fluid.

Benefits and Applications

- Industrial hydraulic equipment subject to wide variation in temperatures.
- Hydraulics of mobile, construction and agricultural equipment where a water separating oil is required.
- Hydraulic systems with vane, gear or piston pumps.
- Forklift trucks (in refrigerated areas).
- Plastic injection moulding machines.
- Marine deck equipment, steering gears, thrusters and automatic controls.
- Machine tools.
- Enclosed gear systems (dependent on load).

Motosel Multi-Viscosity Anti-Wear Hydraulic Oils are recommended for use in equipment manufactured by Eaton Vickers, Denison, Komatsu, Sauer-Danfoss, Oilgear, Hydreco, Dynex and others. Motosel Multi-Viscosity Anti-Wear Hydraulic Fluids meet the requirements of the following specifications in the appropriate viscosity grade: • ASTM D6158 • Bosch Rexroth • Eaton 35VQ25A • Parker Denison HF-0 HF1, HF2, T6H2OC • DIN 51524 Part 1, 2, 3 • General Motors LS2 Specification, LH • Sauer Danfoss • ISO 6743/4, 11158 L-HM • Komatsu • MAG Cincinnati, Cincinnati Machine • JCMAS HK • US Steel 127, 136 • Racine



#M-0422 / Bulk

TYPICAL CHARACTERISTIC MV-22 HYDRAULIC OIL

ISO GRADE	MV-22
Viscosity @ 40°C, cSt	23.86
Viscosity @ 100°C, cSt	5.35
Viscosity Index	169
Specific Gravity @ 60°F	0.846
Pour Point, °C	-54
Color ASTM	L0.5
Demulsibility	40-37-3 (10min)
Foam characteristics	pass
Total Acid Number, mg KOH/g	0.59
Dielectric Strength ³ , kV	38

Test Method ASTM - Typical test data are average values only. Minor variations, which do not affect performance, may occur.

HANDLING AND SAFETY INFORMATION - Refer to MOTOSEL (SDS) Safety Data Sheets for proper handling and safety information. Use the same care and handling as for any petroleum product. Nothing herein shall be deemed to constitute a warranty, express or implied, that said information or data are correct or that the products described are merchantable or fit for a particular purpose, or that said information, data or products can be used without infringing patents of third parties.