

# MILES HYTEX

## ANTI-WEAR HYDRAULIC FLUID

**MILES HYTEX ISO** are high performance, anti-wear hydraulic oils designed for heavy-duty hydraulic systems operating over a wide range of temperatures. They produce excellent results in a wide variety of high-pressure hydraulic systems found on industrial machinery, ships, woodlands and mining operations, and other mobile equipment. MILES HYTEX Oils are an exclusive blend of exceptionally pure Hydro Treated base oils (Hydrocracking), and specially selected additives that deliver outstanding performance and extended service life. Outstanding, long term resistance to breakdown caused by air and high temperatures.

### Features and Benefits

- Superior rust and corrosion prevention
- Outstanding oxidation and thermal stability
- Superior anti-wear protection
- Superior rust and corrosion protection
- Improved foam and air entrainment performance
- Improved anti-wear protection

### Applications

**MILES HYTEX ISO** are recommended for heavy duty high pressure hydraulic systems operating over a wide range of temperatures. They may be used in systems equipped with fine filters without loss of additives or causing filter plugging.

Because of their long life, rust and foam inhibiting features, HYTEX Oils may be used to lubricate anti-friction bearings and gears found in circulation, splash, bath and ring-oiled systems. HYTEX Oils are approved against the following hydraulic pump manufacturer's specifications: Dennison HF-0, Vickers 35VQ25, Cincinnati-Milacron P-68, P-69, P-70.

**MILES HYTEX ISO** are recommended for piston, gear and vane pumps, including those manufactured by: Vickers, Hagglunds-Denison, Cincinnati-Milacron, Sundstrand, Rexroth-Mannesman, Racine, Oilgear, Hydreco and Dynex.

### Typical Properties

ISO Grade	32	46	68
Operating Temp Range, °F	12.2-145.4	23-165.2	32-183.2
Viscosity cSt at 40 °C = Sus/ 100 F (D445)	32.0 150	47.0 200	68.4 300
Viscosity Index (D2270)	99	99	93
Flash Point, °F (D92)	429.8	431.6	438.8
Pour Point, °F ( D97)	-32.8	-27.4	-27.4
Oxidation Stability, hours (D943)	2500	2500	2500
Rust Test A & B 48 hour (D6665)	PASS	PASS	PASS
Pump Wear Test Denison Vane, T-52 Vickers 35VQ2S	PASS	PASS	PASS
Four Ball Wear, scar diameter in mm ( D41728)	0.5	0.5	0.4
Water Separability 129.2 °F ( D1401)	40-40-0 ( 15)	41-39-0 ( 10)	40-40-0 ( 10)
Heat Test ( CM P-68)	PASS	PASS	PASS