

HC ASHLESS SHEAR STABLE MULTIGRADE HYDRAULIC OIL

ISO Grades 32, 46, 68

Product Description

HC Ashless Shear Stable Multigrade Hydraulic Oils are formulated with HVI paraffin hydroprocessed base stock, shear stable viscosity index improver, anti-wear agents, rust and oxidation inhibitors. These oils are characterized by multigrade viscosity properties that allow them to impart improved low temperature flow capability while providing increased service life for hydraulic pumps operated at elevated temperatures. They contain an effective anti-wear agent that helps reduce wear in high-speed, high-pressure vane and gear pumps.

Applications

Recommended for year around use in mobile, construction, agricultural, industrial equipment, and those hydraulic systems and applications that are subject to wide variations in ambient and system operating temperatures. These oils meet the requirements of DIN 51524 HVLP. In a clean dry system, typical value for ASTM D-877, "Dielectric Breakdown Voltage of Insulating Liquids" will exceed 35 Kv.

Typical Properties

Property	ISO 32	ISO 46	ISO 68
Appearance	Bright/Clear	Bright/Clear	Bright/Clear
Gravity, API @ 60°F	34.0	34.0	33.5
Viscosity, cSt @ 40°C	33.70	48.40	67.50
Viscosity, cSt @ 100°C	6.80	8.90	11.50
Viscosity Index	166	165	165
Flash Point, COC (°F)	400	430	450
Pour Point (°F/°C)	-45(-43)	-40(-40)	-40(-40)
Dielectric Strength, ASTM D-877	37 Kv	37 Kv	37 Kv
Rust Test, ASTM D-665A	No Rust	No Rust	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.