

## PREMIUM WIDE-TEMP HYDRAULIC OILS ISO GRADES 15, 32

### Typical Properties

Appearance	Pale/Clear	Pale/Clear
Gravity, API @ 60 F	30.0	29.8
Viscosity, cSt		
At 40 C	17.2	34.5
At 100 C	4.2	6.7
Viscosity Index	154	155
Flash Point, (COC) Deg F	310	370
Pour Point, Deg F	-40	-40
Neut. No., ASTM D 974	0.50	0.55
Dielectric Strength, ASTM D-877	32 Kv	32 Kv
Rust Test, ASTM D 665A	No Rust	No Rust
RBOT, Minutes	400+	400+

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.

PREMIUM WIDE-TEMP HYDRAULIC OILS are formulated with highly refined distillate stocks, 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 mobile, construction, agricultural, industrial equipment, and those hydraulic systems and applications that are subject to wide variations in ambient and system operating temperatures. In a clean dry system, typical value for ASTM D-877, "Dielectric Breakdown Voltage of Insulating Liquids" will exceed 32 Kv .