PURUS® FULL SYNTHETIC AW PREMIUM HYDRAULIC OILS

Manufactured with highly refined base oils

DESCRIPTION:

PURUS® Full Synthetic AW Premium Hydraulic Oils are premium quality anti-wear hydraulic oils, which are formulation using advanced zinc based anti-wear additive technology, combined with full synthetic base oils.

APPLICATION:

PURUS® Full Synthetic AW Premium Hydraulic Oils are recommended for applications calling for: Fives Cincinnati (obsolete), Parker (formerly Denison) HF-0, HF-1, HF-2, Eaton (formerly Vickers) E-FDGN-TB002-E, AIST127 and 136, and DIN 51524 Part II (HM). Suitable for use in applications which cite former or obsolete specifications such as Fives Cincinnati P-68, P-69, P-70.

PERFORMANCE BENEFITS:

- High Viscosity Index (VI) for increased temperature range
- Excellent wear protection- 7,000 hour minimum per ASTM D-943
- Outstanding oxidation and thermal stability for long life
- Rapid release of entrained air
- Excellent rust and corrosion protection and easy filterability

TYPICAL PROPERTIES*:

ISO Viscosity Grade		22	32	46
Specific Gravity	ASTM D4052	0.839	0.848	0.849
Flash Point °C	ASTM D92	232	241	237
Pour Point °C	ASTM D5950	-45	-42	-42
Color	ASTM D1500	0.4	0.4	0.4
Viscosity				
@ 40°C, cSt	ASTM D445	21.38	32.64	51.28
@ 100°C, cSt	ASTM D445	4.542	5.875	8.488
Viscosity Index	ASTM D2270	129	125	141
Gravity, °API	ASTM D97	37.1	35.37	35.18
Rust Test	ASTM D665	Pass	Pass	Pass
Dielectric Strength, kV	ASTM D877	30+*	30+*	30+*

*Dielectric strength will decrease if the oil becomes contaminated with dirt or even a very small amount of water

** Dielectric strength and conductivity value applies at “point of manufacture” of packaged product from AIOD manufacturing facility and will change if oil becomes contaminated with dirt or even a small amount of water.

*Due to continual product research and development, the information contained herein is based on products purchased in the U.S. and subject to change without notification. Typical properties may vary slightly. Minor variations in product typical test data are to be expected in normal manufacturing

Commitment To Quality

Revised: 02/2023
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