

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	68
	SAE Viscosity Grade	5W	10W	20W	20W
Specific Gravity	0.854	0.862	0.865	0.867	
Flash Point °F (°C)	415 (213)	411 (211)	444 (229)	465 (241)	
Pour Point °C	-49	-40	-37	-36	
Color	0.3	0.3	0.3	0.6	
Viscosity					
@ 40 °C, cSt	22	32	46	68	
@100 °C, cSt	4	6	7	9	
Viscosity Index	105	109	110	110	
Gravity, °API	34.18	32.8	32.3	31.9	
Rust Test, ASTM D665	Pass	Pass	Pass	Pass	
Oxidation, ASTM D-943	>7000	>7000	>7000	>7000	
Total Acid Number, ASTM D664	0.7	0.6	0.7	0.6	
Dielectric Strength**, ASTM D877, Pail	30+	30+	30+	30+	

** 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



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Revised: 02/2021
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