

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
 - 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		0.863	0.870	0.876	0.887
Flash Point °F (°C)		401 (205)	447.8 (231)	442.4 (228)	489.2 (249)
Pour Point °C		-46	-35	-37	-33
Color		1.5	1.5	1.5	1.5
Viscosity					
@ 40 °C, cSt		22.37	32	45.05	69.07
@100 °C, cSt		4.41	5.49	6.78	8.95
Viscosity Index		107	107	104	103
Gravity, °API		37.7	36.4	35.7	36
Rust Test, ASTM D665		Pass	Pass	Pass	Pass
Oxidation, ASTM D943		>6000	>6000	>6000	>6000
Total Acid Number, ASTM D664		0.6	0.12	0.131	0.14
Dielectric Strength**, ASTM D877, Pail		35kV	35kV	35kV	35kV

** 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.



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