

UNITED VESTA HYDRAULIC OIL HP

Product Description

Hydraulic Oil produced from premium, highly refined base stocks and high-performance additive systems, this series is engineered to meet the rigorous demands of modern, high-pressure hydraulic systems. These lubricants are specifically formulated to maintain stability in systems characterized by higher makeup rates and sophisticated, high-precision filtration, ensuring consistent power transmission and operational efficiency.

The advanced additive chemistry significantly enhances anti-wear properties to extend component life while providing robust resistance against foam, rust, and corrosion. With superior thermal stability and excellent filterability, this fluid is ideal for hydraulic and pump applications where preventing orifice clogging and ensuring wear protection under severe operating conditions are mission-critical.

Applications / Benefits

- * Prevents wear
- * Protects against rust and corrosion
- * Resists foaming & separates readily from water
- * Superior filterability

Typical Characteristics

Test Description	Method	Unit	32	46	68	100
ISO Viscosity Grade	-	-	32	46	68	100
Density @ 15 °C	ASTM D 4052	kg/L	0.865	0.868	0.872	0.878
Flash Point	ASTM D 92	°C	212	224	232	242
Pour Point	ASTM D 97	°C	-18	-15	-12	-9
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	32.1	46.4	68.8	98.7
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	5.42	6.78	8.71	11.1
Viscosity Index	ASTM D 2270	-	105	102	100	98

Specifications, Approvals & Recommendations

* ASTM	D6158 HL, HM, HV
* ASTM	D6158 HMHP, HVHP
* BOSCH REXROTH	RDE 90235
* CHINESE STANDARD	GB 11118.1 L-HL & L-HM (HIGH PRESSURE & GENERAL)
* DANIELI	0.000.001 TYPE 10 & 11
* DANFOSS (EATON)	BROCHURE 03-401-2010
* DANFOSS (EATON)	E-FDGN-TB002-E
* DIN	51524
* EATON VICKERS	I-286-S
* EATON VICKERS	M-2950-S
* FIVES CINCINNATI	P-68, P-69 & P-70
* GM	LS-2 ANTIWEAR HYDRAULIC OIL
* ISO	11158
* JCMAS	HK P041
* PARKER DENISON	HF-1, HF-2, HF-0
* SAE	MS1004
* SWEDISH STANDARD	SS 155434:2015
* U.S. STEEL	126
* ZF	TE-ML 07H
* ZF	TE-ML 21M

Reference No.
6301G2VESTAHPREV0

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