

UNITED HYDRO VESTA HYDRAULIC OIL

Product Description

Hydrotreated hydraulic oil offering state of the art formulations that produce a line of universal anti-wear long life hydraulic oils having all the wear preventive characteristics required for the most severe of applications, including high pressure vane pumps. It is formulated with an ashless and zinc free additive package that make it suitable for pumps containing steel-on-bronze lubrication surfaces and silver plate.

This oil possess excellent thermal and oxidative stability. They can function for much longer operational periods without forming sludge, varnish or other degradation products, which adversely affects the operation and performance of today's modern hydraulic system components and filtration systems.

Possessing excellent hydrolytic stability, providing protection to all hydraulic system components even in the presence of moisture.

Applications / Benefits

- * Excellent anti-wear performance
- * Highly resistant to oxidation
- * Reduces deposit formation
- * Long operational period

Typical Characteristics

Test Description	Method	Unit	15	22	32	46
ISO Viscosity Grade	-	-	15	22	32	46
Density @ 15 °C	ASTM D 4052	kg/L	0.842	0.850	0.856	0.863
Flash Point	ASTM D 92	°C	190	198	214	220
Pour Point	ASTM D 97	°C	-36	-33	-30	-24
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	15.3	21.5	32.2	46.8
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	3.4	4.4	5.6	7.1
Viscosity Index	ASTM D 2270	-	105	111	112	109

Typical Characteristics

Test Description	Method	Unit	68	100	150	220
ISO Viscosity Grade	-	-	68	100	150	220
Density @ 15 °C	ASTM D 4052	kg/L	0.869	0.874	0.883	0.889
Flash Point	ASTM D 92	°C	224	230	238	244
Pour Point	ASTM D 97	°C	-24	-21	-18	-12
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	69.3	99.1	150.3	227.2
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	8.9	11.2	14.9	19.6
Viscosity Index	ASTM D 2270	-	102	99	98	98

Suggested for the Following Uses

- * ASTM D6158 HL
- * ASTM D6158 HM
- * ASTM D6158 HV
- * CHINESE STANDARD GB 11118.1 L-HL
- * CHINESE STANDARD GB 11118.1 L-HM HIGH PRESSURE AND GENERAL
- * DIN 51524 PART I HL
- * DIN 51524 PART II HLP
- * DIN 51524 PART III HVLP
- * EATON BROCHURE 03-401
- * EATON E-FDGN-TB002-E
- * FIVES CINCINNATI P-68
- * FIVES CINCINNATI P-69
- * FIVES CINCINNATI P-70
- * ISO 11158 HL
- * ISO 11158 HM
- * ISO 11158 HV
- * JCMAS HK
- * PARKER DENISON HF-0
- * PARKER DENISON HF-1
- * PARKER DENISON HF-2
- * SWEDISH STANDARD SS 15 54 34
- * U.S STEEL 127

Reference No.
6322G2HYDHXREVO

Last revised date:
11-09-25