

UNITED HYDRO VESTA HYDRAULIC OIL H

Product Description

Hydrotreated hydraulic oil formulated with a low zinc antiwear hydraulic oil meeting Parker Denison HF-0 requirements. It is produced from highly refined hydro-treated base oil and hydraulic oil additive packages. These products are designed for hydraulic systems with higher make up rates or those which operate at moderate temperatures.

The additives found in this product enhances the anti-wear characteristics of the fluid. They also inhibit foam and offer a moderate level of protection against rust and corrosion in the event of water contamination.

This product is suitable for applications used in equipment located in underground mines, industrial hygiene units and other hydraulic systems.

Applications / Benefits

- * Prevents wear
- * Protects against rust and corrosion
- * Resists foaming
- * Economical

Typical Characteristics

Test Description	Method	Unit	10W	ISO 10	ISO 22	ISO 32
ISO Viscosity Grade	-	-	10W	ISO 10	ISO 22	ISO 32
Density @ 15 °C	ASTM D 4052	kg/L	0.859	0.835	0.853	0.859
Flash Point	ASTM D 92	°C	210	170	198	210
Pour Point	ASTM D 97	°C	-21	-39	-36	-33
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	35.4	10.5	22.4	31.5
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	5.87	2.8	4.4	5.4
Viscosity Index	ASTM D 2270	-	108	111	105	105

Typical Characteristics

Test Description	Method	Unit	ISO 46	ISO 68	ISO 100	ISO 150
ISO Viscosity Grade	-	-				
Density @ 15 °C	ASTM D 4052	kg/L	0.862	0.864	0.868	0.879
Flash Point	ASTM D 92	°C	220	222	236	240
Pour Point	ASTM D 97	°C	-30	-27	-21	-15
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	46.2	68.5	98.5	150
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	6.85	8.91	11.3	14.8
Viscosity Index	ASTM D 2270	-	103	103	101	98

Specifications, Approvals & Recommendations

* ASTM	D6158 HM
* CINCINNATI MACHINE	P-68
* CINCINNATI MACHINE	P-69
* CINCINNATI MACHINE	P-70
* DIN	51524 Part I,II & III
* EATON	35VQ25
* EATON	M-2950-S
* EATON	I-286-S3
* FZG	A/8.3/90 Load Stage 10 Pass
* ISO	11158 HL & HM
* ISO	20763 (Conestoga) vane pump test
* PARKER DENISON	HF-0 (T6H20C Hybrid pump)
* PARKER DENISON	HF-1 (T6H20C Hybrid pump)
* PARKER DENISON	HF-2 (T6H20C Hybrid pump)
* SAE	MS 1004 HM
* VICKERS	104C Vane pump test

Reference No.
4321G2HYDVESTAREVO

Last revised date:
21/9/2023