

# UNITED VESTA HYDRAULIC OIL H

## Product Description

Hydraulic Oils formulated with low zinc antiwear hydraulic oil to meet Parker Denison HF-0 requirements. It is produced from highly refined lubricating base stocks and hydraulic oil additive packages. This products are designed for hydraulic systems with higher make up rates or those, which operate at moderate temperatures.

The additive enhances the anti-wear performance of the fluid, inhibits foam formation, and provides a moderate level of protection against rust and corrosion in the presence of water contamination. This product are suitable for applications used in equipment located in underground mines, industrial hygiene units and other hydraulic systems.

## Applications / Benefits

- \* Provides excellent wear protection
- \* Inhibits foam formation; ensure stable operation
- \* Cost-effective solution for reliable performance
- \* Protect against rust and corrosion

## Typical Characteristics

Test Description	Method	Unit	10W	15	22	32
SAE Viscosity Grade	SAE J 300	-	10W	15	22	32
Density @ 15 °C	ASTM D 4052	kg/L	0.8558	0.8417	0.8497	0.8735
Flash Point	ASTM D 92	°C	220	180	198	220
Pour Point	ASTM D 97	°C	-18	-36	-33	-18
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	30.85	14.43	21.27	31.89
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	5.53	3.488	4.36	5.451
Viscosity Index	ASTM D 2270	-	117	121	114	106

### Typical Characteristics

Test Description	Method	Unit				
SAE Viscosity Grade	SAE J 300	-	<b>46</b>	<b>52</b>	<b>68</b>	<b>100</b>
Density @ 15 °C	ASTM D 4052	kg/L	0.8732	0.8730	0.8729	0.8747
Flash Point	ASTM D 92	°C	232	228	222	236
Pour Point	ASTM D 97	°C	-18	-15	-15	-12
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	45.8	52.2	69.1	98.2
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	6.9	7.5	9.0	11.3
Viscosity Index	ASTM D 2270	-	107	105	103	101

### Typical Characteristics

Test Description	Method	Unit		
SAE Viscosity Grade	SAE J 300	-	<b>150</b>	<b>220</b>
Density @ 15 °C	ASTM D 4052	kg/L	0.8858	0.8915
Flash Point	ASTM D 92	°C	240	246
Pour Point	ASTM D 97	°C	-12	-9
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	150.0	222.0
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	14.8	18.9
Viscosity Index	ASTM D 2270	-	98	96

### Suggested for the Following Uses

* ASTM D6158	HL
* ASTM D6158	HM
* ASTM D6158	HV
* DIN 51524	PART I
* DIN 51524	PART II
* DIN 51524	PART III
* EATON	BROCHURE 03-401
* EATON	VICKERS M-2950-S
* EATON	VICKERS I-286-S
* FIVES CINCINNATI	P-68
* FIVES CINCINNATI	P-69
* FIVES CINCINNATI	P-70
* PARKER DENISON	HF-0
* PARKER DENISON	HF-1
* PARKER DENISON	HF-2
* ISO 11158	HL
* ISO 11158	HM
* ISO 11158	HV

 Reference No.  
 6321G2VESTAHYDOILHREV0

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