

HPURE PLUTUS 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 15	ISO 22
ISO Viscosity Grade	-	-	10W	ISO 10	ISO 15	ISO 22
Density @ 15 °C	ASTM D 4052	kg/L	0.856	0.831	0.842	0.850
Flash Point	ASTM D 92	°C	220	190	194	198
Pour Point	ASTM D 97	°C	-18	-39	-36	-33
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	30.9	10.3	14.4	21.3
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	5.5	2.8	3.5	4.4
Viscosity Index	ASTM D 2270	-	117	120	121	114

Typical Characteristics

Test Description	Method	Unit	ISO 32	ISO 46	ISO 68	ISO 100
ISO Viscosity Grade	-	-				
Density @ 15 °C	ASTM D 4052	kg/L	0.874	0.873	0.873	0.875
Flash Point	ASTM D 92	°C	220	232	222	236
Pour Point	ASTM D 97	°C	-18	-18	-15	-12
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	31.9	45.8	69.1	98.2
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	5.5	6.9	9.0	11.3
Viscosity Index	ASTM D 2270	-	106	107	103	101

Typical Characteristics

Test Description	Method	Unit	ISO 150
ISO Viscosity Grade	-	-	
Density @ 15 °C	ASTM D 4052	kg/L	0.886
Flash Point	ASTM D 92	°C	240
Pour Point	ASTM D 97	°C	-12
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	150.0
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	14.8
Viscosity Index	ASTM D 2270	-	98

Suggested for the Following Uses

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