

## PLUTUS HYDRAULIC OIL H

### Product Description:

Plutus Hydraulic Oil H is 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 Plutus Hydraulic Oil H enhance the anti-wear characteristics of the fluid. They also inhibit foam from forming in the oil and offer a moderate level of protection against rust and corrosion in the event of water contamination.

Plutus Hydraulic Oil H 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					
SAE Viscosity Grade	SAE J 300	<b>10W</b>				
ISO Viscosity Grade	-	<b>10</b>	<b>15</b>	<b>22</b>	<b>32</b>	
Specific Gravity @ 15 °C	ASTM D 4052	0.859	0.835	0.845	0.853	0.859
Flash Point, °C	ASTM D 92	210	170	180	198	210
Pour Point, °C	ASTM D 97	-21	-39	-36	-36	-33
Kinematic Viscosity, cSt @ 40°C	ASTM D 445	35.4	10.5	14.8	22.4	31.5
cSt @ 100°C	ASTM D 445	5.87	2.80	3.43	4.40	5.40
Viscosity Index	ASTM D 2270	108	111	106	105	105
Color	ASTM D 1500	<0.5	<0.5	<0.5	<0.5	<0.5

Test Description	Method					
ISO Viscosity Grade	-	<b>46</b>	<b>68</b>	<b>100</b>	<b>150</b>	<b>220</b>
Specific Gravity @ 15 °C	ASTM D 4052	0.862	0.864	0.868	0.879	0.887
Flash Point, °C	ASTM D 92	220	222	236	240	246
Pour Point, °C	ASTM D 97	-30	-27	-21	-15	-12
Kinematic Viscosity, cSt @ 40°C	ASTM D 445	46.2	68.5	98.5	150	222
cSt @ 100°C	ASTM D 445	6.85	8.91	11.3	14.8	18.9
Viscosity Index	ASTM D 2270	103	103	101	98	96
Color	ASTM D 1500	<0.5	<0.5	<0.5	<1.5	<2.0

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# Product Data Sheet

## Specifications, Approvals & Recommendations:

- DIN 51524 Part I
- DIN 51524 Part II
- Fives Cincinnati P-68
- Fives Cincinnati P-69
- Fives Cincinnati P-70
- FZG A/8.3/90 load stage 10 pass
- Parker Denison HF-0
- Parker Denison HF-1
- Parker Denison HF-2
- Parker Denison T6H20C Hybrid Pump

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