



US LUBE

US LUBE HYDRAULIC OIL AW

Product Description:

US Lube Hydraulic Oils H is a low zinc antiwear hydraulic oil meeting Denison HF-0 requirements. It is produced from highly refined lubricating base stocks 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 US Lube Hydraulic Oils 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.

US Lube Hydraulic Oils H oils are 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	10W				
ISO Viscosity Grade	-	10	15	22	32	
Specific Gravity @ 15 °C	ASTM D 4052	0.881	0.840	0.845	0.866	0.872
Flash Point, °C	ASTM D 92	210	170	172	198	210
Pour Point, °C	ASTM D 97	-9	-39	-18	-15	-9
Kinematic Viscosity, cSt @ 40°C	ASTM D 445	35.4	10.5	15.3	22.4	32.1
	ASTM D 445	5.87	2.80	3.42	4.38	5.40
Viscosity Index	ASTM D 2270	108	111	105	103	101
Color	ASTM D 1500	<1.0	<0.5	<1.0	<1.0	<1.0

Test Description	Method					
ISO Viscosity Grade	-	46	68	100	150	220
Specific Gravity @ 15 °C	ASTM D 4052	0.876	0.881	0.888	0.890	0.901
Flash Point, °C	ASTM D 92	218	222	228	232	245
Pour Point, °C	ASTM D 97	-9	-9	-9	-9	-9
Kinematic Viscosity, cSt @ 40°C	ASTM D 445	46.2	69.1	98.2	150	222
	ASTM D 445	6.78	8.80	11.2	14.5	19.0
Viscosity Index	ASTM D 2270	100	99	98	96	96
Color	ASTM D 1500	<1.0	<1.5	1.5	<2.0	<2.5

Product Data Sheet



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Specifications, Approvals & Recommendations:

- Denison HF-0
- Denison HF-1
- Denison HF-2
- Denison T-6H20C Hybrid Pump
- Parker Hannifin France HF-0 Approved
- DIN 51524 Part I (HL)
- DIN 51524 Part II (HLP)
- DIN 51524 Part III (HVLP)
- Eaton Brochure 03-401-2010
- Fives Cincinnati Machine P-68
- Fives Cincinnati Machine P-69
- Fives Cincinnati Machine P-70



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Product Data Sheet