

UNION ENERGY HYDRAULIC AW

Product Description:

UNION ENERGY HYDRAULIC AW is produced from high quality refined hydro-treated base oil and hydraulic oil additive packages. UNION ENERGY HYDRAULIC AW is a low zinc antiwear hydraulic oil meeting the requirements of Parker Denison HF-0 requirements and are designed for hydraulic systems with higher make up rates or those, which operate at moderate temperatures.

UNION ENERGY HYDRAULIC AW are blended with additives which enhance the antiwear characteristics of the fluid which also inhibit foam from forming in the oil and offer moderate level of protection against rust and corrosion cause by water contamination.

UNION ENERGY HYDRAULIC AW is suitable for applications used in equipment located in underground mines, industrial hygiene units and other hydraulic systems.

Applications / Benefits:

- ▣ Antiwear.
- ▣ Protection against rust/corrosion.
- ▣ Foaming resistant.
- ▣ Value for money.

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	0.859	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	-	46	68	100	150	220
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

Specifications/Approvals/Recommendations:

- DIN 51524 Part I
- DIN 51524 Part II
- DIN 51524 Part III
- Eaton 35VQ25 Pump
- 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