

VESTA HYDRAULIC OIL AW

PRODUCT DESCRIPTION

Vesta Hydraulic Oils AW Antiwear are 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 Vesta Hydraulic Oils AW Antiwear 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.

Vesta Hydraulic Oils AW Antiwear 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	TYPICAL RESULTS				
		10W				
SAE Viscosity Grade		10W				
API Service		CF/SF				
ISO Viscosity			10	22	32	46
Specific Gravity @ 15°C	ASTM D-4052	0.881	0.840	0.866	0.872	0.876
Flash Point, °C	ASTM D-92	210	170	198	210	224
Pour Point, °C	ASTM D-97	-9	- 15	- 15	- 12	- 9
Kinematics Viscosity @ 40°C (cSt)	ASTM D-445	35.4	10.51	22.4	32.1	46.2
@ 100°C (cSt)	ASTM D-445	5.87	2.80	4.38	5.42	6.78
Viscosity Index	ASTM D-2270	108	111	103	103	101
Colour	ASTM D-1500	<1.5	< 0.5	< 0.5	0.5	< 1.0
TBN (mgKOH/g)	ASTM D-2896	11.5				

TEST DESCRIPTION	METHOD	TYPICAL RESULTS			
ISO Viscosity Grade		68	100	150	220
Specific Gravity @ 15°C	ASTM D-4052	0.881	0.888	0.893	0.898
Flash Point, °C	ASTM D-92	236	244	252	265
Pour Point, °C	ASTM D-97	-9	-9	-9	-9
Kinematics Viscosity @ 40°C (cSt)	ASTM D-445	69.1	98.2	150	222
	ASTM D-445	8.83	11.2	14.7	18.3
Viscosity Index	ASTM D-2270	100	98	97	96
Colour	ASTM D-1500	<1.5	1.5	<2.0	<2.5

PERFORMANCE STANDARDS

- Hagglunds-Denison HF-0,
- DIN 51524 Part II
- AFNOR NF E 48-603
- Cincinnati Machine