

Hydraulic Oil AW (Hydroil)

PRODUCT DESCRIPTION

Hydroil AW range of lubricants is a premium performance, Anti-wear hydraulic oils designed for use in mobile and stationary high pressure industrial and Agri hydraulic systems.

APPLICATIONS

- Industrial hydraulic systems.
- Hydraulics of moving/stationary and construction equipment.
- Hydraulic systems with vane, gear or piston pumps.
- Plastic injection molding machine.
- Marine hydraulic systems.

Also used in many other applications where a universal high performance anti-wear lubricant is first choice.

BENEFITS

- ✓ Anti-wear properties protect components
- ✓ Lubricity increases system efficiency by reducing friction
- ✓ Antifoaming characteristics
- ✓ High oxidation resistance
- ✓ Reduces formation of lacquers/gumming
- ✓ Effective corrosion resistance helps to protect against fungal & bacterial growth
- ✓ Good water separating characteristics minimize the formation of emulsions
- ✓ Low temperature performance.

TYPICAL CHARACTERISTICS

Properties	Units	Methods	ISO VG Grades			
			32	46	68	100
Appearance	-	Visual	Clear Liquid			
Relative Density @ 15°C	g/ml	ASTM 1298	0.854	0.865	0.866	0.886
Kinematic Viscosity @ 40°C	mm ² /s	ASTM D445	32	46	68	100
Kinematic Viscosity @ 100°	mm ² /s	ASTM D445	5.4	6.9	8.7	11
Viscosity Index	-	ASTM D2270	105	105	108	106
Pour Point	°C	ASTM D97	-10	-15	-10	-10
Flash Point	°C	ASTM D92	215	220	220	220

The typical characteristics mentioned represent mean values.

SAFETY, HEALTH & ENVIRONMENT

Atlas Hydroil AW unlikely to have any significant health or safety hazard when properly used in recommended application and follow good standards of personal hygiene.

Avoid prolong contact with skin. Use impermeable gloves while handling oil. After skin contact, wash with soap and water.