



HYDROL AW

MINERAL

PRODUCT DESCRIPTION:

HYDROL AW hydraulic fluids are formulated with highly refined mineral oils and enhanced with an advanced additive package. Their excellent oxidation resistance ensures reliable performance at higher temperatures and extended operating intervals. These fluids offer high load-carrying capacity and provide strong protection against corrosion, foaming, and sludge buildup. With superior anti-wear properties, HYDROL AW helps prevent wear on internal components and reduces downtime.

APPLICATION:

For mobile and static hydraulic applications of industrial and other equipment. Hydraulic cranes and lifts, loaders, reach trucks, forklifts, excavators, dumpers, loading ramps, and tailboards etc.

FEATURES & BENEFITS:

- Good anti-wear performance - prevents wear of internal components reducing downtime.
- Low pour point and good flow characteristics.
- Good viscosity-temperature properties.
- Excellent oxidation stability-Extends service life.
- Protection against corrosion, foaming, and sludge building.

PERFORMANCE LEVELS: Meets or Exceeds:

- DIN 51524-2 HLP
- ASTM D6158-05 HM
- Eaton (Vickers) M-2950 S, I-286 S
- ISO 11158 HM
- Cincinnati P-68 (ISO 32)
- Cincinnati P-70 (ISO 46)
- Cincinnati P-69 (ISO 68)
- Denison HF-0, HF-1, HF-2
- AFNOR NF-E 48-603

TYPICAL PROPERTIES:

PARAMETERS	TEST METHOD	UNIT	HYDROL AW						
			15	22	32	37	46	68	100
Grade			15	22	32	37	46	68	100
Kinematic Viscosity @ 104°F /40°C	ASTM D7042	cSt	15	22	32	37	46	68	100
Kinematic Viscosity @ 212°F /100°C	ASTM D7042	cSt	3.37	4.25	5.45	5.97	6.89	8.70	11.07
Viscosity Index	ASTM D2270	-	90	95	105	103	104	99	95
Density@15°C/ 60°F	ASTM D4052	g/cm ³	TBR	TBR	TBR	TBR	TBR	TBR	TBR
Flash Point (min)	ASTM D92	°C	180	216	224	230	232	238	248
Pour Point (max)	ASTM D97	°C	-27	-24	-24	-24	-24	-24	-18

DISCLAIMER: The test data provided above is for reference purposes and is not a strict specification, as variations within acceptable production tolerances may occur. Phoenix reserves the right to update or revise this test data. For the most accurate and up-to-date information, please consult the latest version of this Technical Data Sheet (TDS).

HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website Phoenixlubricants.com