



HYDROL AW

PRODUCT DESCRIPTION:

HYDROL AW hydraulic fluids are premium-quality lubricants formulated with highly refined mineral oils and an advanced additive package. They offer excellent oxidation resistance, ensuring reliable performance at elevated temperatures and extended operating intervals. With high load-carrying capacity, HYDROL AW fluids provide robust protection against corrosion, foaming, and sludge formation. Their superior anti-wear properties safeguard internal components, minimize wear, and help reduce equipment 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 presented above is indicative and not a strict specification, as it may vary within acceptable production tolerances. Internal reserves the right to update or modify this test data. For the most accurate and current information, please refer to the latest version of this Technical Data Sheet (TDS).

HEALTH & SAFETY, ENVIRONMENT:

Continuous or repeated exposure to oil may lead to skin problems. Avoid contact with the oil. In case of contact, wash thoroughly with soap and water. Do not dispose of used oil in drains or the environment. Dispose of it at an authorized used oil collection point. For additional safety information, please refer to the MSDS available on our website at www.internal.net.

PROTECT THE ENVIRONMENT:

Take used oil to an authorized collection point. Comply with local regulation. Do not discharge into drains, soil or water.