



## TORQUE AW

### PRODUCT DESCRIPTION:

Torque AW hydraulic fluids are based on highly refined mineral oil and enhanced with advanced additive package. It's excellent oxidation resistance delivers good performance at higher temperatures and extended operating intervals. It has a high load-carrying capacity and provides good protection against corrosion, foaming, and sludge building. Good anti-wear performance prevents wear of 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:

- Low pour point and good flow characteristics
- Good viscosity-temperature properties
- Excellent oxidation stability
- Protection against corrosion, foaming, and sludge building

### PERFORMANCE LEVELS: Meets and 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	TORQUE AW						
			15	22	32	37	46	68	100
Grade			15	22	32	37	46	68	100
Kinematic Viscosity @ 104°F /40°C	ASTM D-7042	cSt	15	22	32	37	46	68	100
Kinematic Viscosity @ 212°F /100°C	ASTM D-7042	cSt	3.37	4.25	5.45	5.97	6.89	8.70	11.07
Viscosity Index	ASTM D-2270	-	90	95	105	103	104	99	95
SP. Gravity @15°C/ 60°F	ASTM D-4052	g/cm <sup>3</sup>	0.840	0.860	0.863	0.865	0.868	0.869	0.870
Flash Point (min)	ASTM D-92	°C	180	216	224	230	232	238	248
Pour Point (max)	ASTM D-97	°C	-27	-24	-24	-24	-24	-24	-18

### 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 [www.lubrex.net](http://www.lubrex.net)

### HEALTH & SAFETY:

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet [www.lubrex.net](http://www.lubrex.net)

### PROTECT THE ENVIRONMENT:

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

### STORAGE:

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

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