



HYDRON AW

PRODUCT DESCRIPTION:

HYDRON AW hydraulic fluids are formulated with highly refined mineral oil and bolstered by an advanced additive package for superior performance. Their exceptional oxidation resistance ensures optimal functioning at elevated temperatures and prolonged operating intervals. These fluids exhibit a high load-carrying capacity while offering protection against corrosion, foaming, and sludge formation. The anti-wear properties help prevent internal component wear, subsequently reducing downtime and enhancing operational efficiency.

APPLICATION:

HYDRON AW hydraulic fluids are versatile and compatible with various industrial equipment for both mobile and static hydraulic applications. They cater to a wide array of machinery such as cranes, lifts, loaders, forklifts, excavators, and more. With their strong performance characteristics, these fluids promote operational smoothness, prevent wear, and contribute to the durability of equipment in use.

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 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	HYDRON AW						
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 (min)	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 is not a final specification; rather, it serves as a guideline and may vary within acceptable production tolerances. Bravoil reserves the right to modify this test data. Any updates will supersede previous versions, so please refer to the most recent 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 www.bravoil.ae

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.bravoil.ae

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.