

PREMIUM HYDRAULIC OIL AW

ANTI WEAR HYDRAULIC FLUID 150, 220, 320, 460

DESCRIPTION & APPLICATIONS

Premium Hydraulic oils AW designed for use in circulating systems where anti-wear type of hydraulic oil is required and are made from high viscosity index, chemically stable base stocks which are further fortified with antioxidants, anticorrosion, anti-wear and antifoam additives. They meet the requirements of very high-pressure systems and also of systems where high pump speeds are encountered. Premium Hydraulic grades are recommended for use in hydraulic systems, enclosed gear boxes, chain drives, compressors, vacuum pumps, Mining machinery, machine tools, hydraulic and circulation system and enclosed gear boxes which do not require EP type lubricants.

PERFORMANCE BENEFITS

- Right viscosity to satisfy the demands of the hydraulic pump and the designed system.
- High viscosity index to restrict viscosity changes under operating conditions.
- Good film strength and antiwear properties to Minimize wear of pump, valves, cylinders, pistons etc.
- Maximum demulsibility to allow entrained water to settle down.
- Excellent corrosion resistance to prevent rusting and corrosion of metal parts.
- Resistance to foaming to ensure prompt and efficient functioning
- High chemical stability to ensure long and trouble-free service life.

PERFORMANCE STANDARDS MEETS

- ISO 6743/4 (HM)
- VDMA 24318
- DIN 51524 pt 2 (HLP)
- IPSS; 1-09-022
- USS 127 & 136, I-286-S
- Dension HF-0, HF-1, HF-2

Typical Properties

Properties	Test Method	150	220	320	460
Kinematic Viscosity @40°C, cSt.	ASTM D445	146 - 156	210 - 235	305 - 335	445 - 500
Viscosity Index, Min.	ASTM D2270	105	105	105	105
Flash Point, (COC), °C, Min.	ASTM D92	240	220	220	220
Pour Point, °C	ASTM D97	-6	-6	-6	-6
Neutralisation Number (mg KOH/g), Max.	ASTM D974	1.5	1.5	1.5	1.5

The values above are typical values. They do not constitute any contractual commitment.
Sales specifications are available on request. The present technical data sheet replaces all the previous edition.

Health and Safety

This product is not likely to present any significant health or safety hazards when used correctly in the right application. Safety Data Sheet (SDS) is available on request through our website www.slkkruizer.com

Protect the Environment

Take used oil to an authorised collection point. Do not discharge into drains, soil or water.

Storage

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.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet.

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SLK ENTERPRISES

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