

CRUZE HYDRAULIC HLP

Premium quality AW hydraulic oil

Product Definition

Premium quality anti-wear hydraulic oils made from highly refined base oils. They contain high quality additives which improve ageing resistance and oxidation stability. They guarantee excellent protection against wear and corrosion and provide good water separation properties. They are designed primarily as superior heavy-duty anti-wear hydraulic oils for use in modern high-pressure hydraulic systems.

Application/Usage

- Applicable where HLP type hydraulic oils are recommended.
- Recommended for industrial, marine, mobile and stationary hydraulic equipment.
- Suitable for construction machinery, forklifts, and cranes etc.
- They also satisfy many other lubrication applications like machine tools, gear cases and bearing systems.
- They meet DIN51517.

Features:

- Excellent protection against wear
- Good corrosion protection – steel & copper
- High oxidation (ageing) stability
- Excellent demulsibility
- Excellent multi-metal compatibility under-high temperature and/or water contamination

- Excellent filtration behavior (dry, wet) .
- Good performance at low and high temperatures and high loads
- Good resistance to foaming
- Good air-release/de-aeration properties

Specifications/Approvals

- DIN 51524-2: HLP
- ISO 6743-4: HM

Product Package

200 Lt - 20Lt - 4Lt - 1Lt.

Storage

Protect from direct sunlight and rain. Store in the original closed drums and in covered areas. Storage temperature must be between (+5)-(+40)°C.

Health and Safety

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application. Used or waste product should not be allowed to contaminate soil or water. Used or waste product should be disposed of in accordance with local regulations. For further guidance on product Health and Safety refer to the appropriate Material Safety Data Sheet.

| TECHNICAL PROPERTIES | UNIT | TEST VALUES | | | | TEST METHOD |
|----------------------|--------------------|-------------|-------|-------|-------|--------------|
| ISO Grade | | 15 | 32 | 46 | 68 | DIN 51 511 |
| Density 15°C | | 0.880 | 0.880 | 0.880 | 0.880 | ASTM D-1298 |
| Viscosity 40°C | mm ² /s | 15 | 32 | 46 | 68 | ASTM D-445 |
| Viscosity Index | | 99 | 100 | 101 | 102 | ASTM D-2270 |
| Flash Point | °C | 250 | 250 | 250 | 250 | ASTM D-92 |
| Pour Point | °C | -18 | -18 | -18 | -18 | ASTM D-97 |
| Total Acid Number | mgKOH/g | 0.60 | 0.60 | 0.60 | 0.60 | ASTM D-2896B |

"The above information is derived from our quality checks. Given values are typical of current production. While future production will conform to our specification, variations in these characteristics may occur. Quality Control Analysis Report for to learn properties of the product that is supplied can give. It does not relieve the purchaser from examining product upon delivery and gives no assurance of the product for any particular purpose. Due to continual product research and development, the information contained herein is subject to change without notification."