



HYDRAULIC OIL

ISO Grade 32

Sinopec L-HM AW Hydraulic 32

Pack Size: 55 Gallon Drum

Shipping Weight: 485 lbs.

Dimensions: 23"x23"x35"

Sinopec Antiwear Hydraulic Oil ISO VG 32 is a premium light weight paraffinic based hydraulic oil, ideal for industrial or equipment applications. Lighter viscosity ideal for cold climates. It is a rust and oxidation (R&O)-inhibited oil with the added benefit of an antiwear additive package for protection. Approved for industrial applications requiring an ISO VG 32.

APPLICATIONS

- Applications in a wide variety of industrial, marine and mobile equipment.
- Vane and gear pumps operating under high loads, as recommended by pump manufacturers.
- Severe service hydraulic systems, employing axial and radial piston pumps, as recommended by pump manufacturers.

FEATURES AND BENEFITS

- Excellent extreme pressure and antiwear performance protects gears operating at high speeds and tooth pressures from abrasion, wear and welding, even in severe high-load and shock-loading conditions, extending component life.
- Excellent thermal and oxidation stability minimize the build up of deposits and varnish, reducing wear, extending component life and ensuring longer oil life.
- Protection against corrosion and rusting extends equipment life, and reduces maintenance costs.
- Good low-temperature fluidity ensures optimum lubrication, even in cold start-up conditions, and prevents start-up wear.
- Good anti-foaming properties ensure optimum oil film thickness; protecting components against wear, and minimize oil leakage.
- Extended oil performance allow for maximum mileage between drain intervals.
- Multi-grade oils can be used over a wider temperature range, and so can reduce the need for seasonal oil change thus reducing maintenance costs.
- Fully compatible with common seal materials, to extend seal life and prevent fluid leakage.

TYPICAL DATA

ISO Viscosity Grade	32
Kinematic viscosity, ASTM D 445	
cSt @ 40°C	32.13
cSt @100°C	5.43
Viscosity index, ASTM D 2270	103
Air release at 50°C, mins, ASTM D 3427	4
Foaming characteristics, sequences 1, 2 & 3	10/0
ASTM D 892	15/0
ASTM D 892	10/0
Neutralisation number, mg KOH/g, ASTM D 974	0.69
FZG test (A/8.3/90),fail load stage, DIN 51345	12
Rust prevention, ASTM D 665	
distilled water	PASS
synthetic sea water	PASS
Copper corrosion, 3 hours @ 121°C, ASTM D 130	1B
Water separability, ASTM D 2711	13 (54°C)
Pour point, °C, ASTM D 97	-15
Flash point (COC), °C, ASTM D 92	228



OEM & INDUSTRY SPECIFICATIONS

DIN	51524 Pt 2
ISO	11158 (L-HM)
Cincinnati Lamb	P-68 (ISO 32)
Parker Denison	HF-0 (ISO 32)

ACCURACY OF INFORMATION

Data provided in this PDS is typical and subject to change as a result of continuing product research and development. The information given was correct at the time of printing. The typical values given are subject to variations in the testing procedures and the manufacturing process may also result in slight variations. Sinopec guarantees that its lubricants meet any industry and OEM specifications referred to on this data sheet. Sinopec cannot be held responsible for any deterioration in the product due to incorrect storage or handling. Information on best practice is available from your local distributor.

PRODUCT AND ENVIRONMENTAL SAFETY

This product should not cause any health problems when used in the applications suggested and when the guidance provided in the Material Safety Data Sheet (MSDS) is followed. Please consult the MSDS for more detailed advice on handling; MSDSs are available from your local distributor. Do not use the product in applications other than those suggested. As with all products, please take care to avoid environmental contamination when disposing of this product. Used oil should be sent for reclamation/recycling or, if not possible, must be disposed of according to relevant government/authority regulations.

FURTHER INFORMATION



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