



KINGDOM GROUPS FZE



ISO9001:2008
Registered company by IIC (No: JU- 1306)

HYDRAULIC OIL AW 100

Performance Standard: DIN 51524 Part 2

Manufacturer: Kingdom Lubricants Factory LLC, UAE

HYDRAULIC OIL AW 100 is blended from high quality, stable, solvent refined base oils and incorporating a balanced additive system which includes anti-wear and oxidation inhibitors. Utilization of Hydraulic Oils will provide excellent wear protection in hydraulic and circulation systems and good air release properties.

Applications

Hydraulic Oil AW 100 is recommended for most types of hydraulic systems, moderately loaded gears and bearing lubricated by circulation both and ring oiling. It is available in a wide range of viscosities to meet a variety of design and operating requirements.

Features	Advantages
Excellent anti-wear performance	Excellent water separation, air release and antifoam properties
Provides rust and corrosion protection	Superior Filterability
High Thermal Stability & Oxidation Stability	Keeps Engine Clean for smoother operation
Low Friction	Seal and paint compatibility
Advanced detergency leading to cleaner engines and longer component life.	Excellent oxidation resistant

Performance Levels:

Meet the following specifications

- Denison HFO and HF2.
- Vickers 35VQ25.
- Cincinnati Machine P-68, P-69, P-70
- DIN 51524 Part 2 & 3.
- AFNOR NFE-48-603 (HM), (HV)
- Denison T6C-20 Vane Pump.
- AFNOR NE 48-690, NF E-48-691
- Filterability



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Typical Properties:

Grade	100
Appearance, Color	2.0
Viscosity @40 °C ASTM D 445, CST	97.0
Viscosity @100 °C ASTM D 445, CST	11.0
Viscosity Index ASTM D 2270	98
Flash Point, COC ASTM D 92	240
Pour Point, °C ASTM D 97	-21
TAN, mg KOH/g ASTM D 974	0.40
Density @ 15 °C ASTM D 4052	0.887

Handling, Health and Safety

Lubricant consisting of highly refined mineral oils with specific additives. In normal conditions of use, this lubricant presents no particular toxic hazard. All lubricants, of any kind should be handled with great care, particularly avoiding any contact with the skin.

Prevent any splashing, and keep away from combustible materials. Store under cover and away from any risk of pollution. Dispose off the used oil correctly; don't pour down drains, into watercourses or the soil.