

PRODUCT DATA SHEET

HYDRAULIC OIL AW (JOR)

Petromin Hydraulic Oils AW are blended from high quality, chemically-stable solvent refined base oils and incorporated with balanced additive system which include anti wear and oxidation inhibitors. Utilization of Hydraulic Oils AW will provide excellent wear protection in hydraulic and circulation systems and good air release properties.

BENEFITS

- Excellent anti-wear performance.
- Provide rust and corrosion protection.
- Superior Filterability.
- Low friction.
- Excellent water separation, air release and antifoam properties.
- Hydrolytic stability.
- Seal and paint compatibility.

SPECIFICATION & APPROVALS

Petromin Diesel HD meets or exceeds the requirements of:

- AFNOR NFE 48603 HM
- Cincinnati Milacron P-68, P-70 & P-69
- David Brown Table E
- Denison HF-0 & HF-2
- DIN 51524 Part II
- Sperry Vickers M 2952 S

APPLICATIONS

Petromin Hydraulic Oils AW are recommended for most types of hydraulic systems, moderately-loaded gears and bearing lubricated by circulation and bath and ring oiling. They are not recommended to be used with yellow and white metals components in any equipment. They are available in a wide range of viscosities to meet a variety of design and operating requirements.

PRODUCT CHARACTERISTICS*

PROPERTIES	UNITS	VALUE			TEST METHOD
ISO Grade	-	37*	46	68	-
Specific Gravity @ 15 °C	-	0.882	0.881	0.886	ASTM D-4052
Viscosity @ 40 °C	mm ² /s	37.3	45.95	67.85	ASTM D-445
Viscosity @ 100 °C	mm ² /s	5.9	6.8	8.5	ASTM D-445
Viscosity Index	-	102	101	100	ASTM D-2270
Flash Point, COC	°C	224	230	254	ASTM D-92
Pour Point	°C	-21	-18	-15	ASTM D-97
Neutralization No.	mg KOH/g	0.38	0.38	0.38	ASTM D-974
Color	-	1.0	1.5	1.5	ASTM D-1500
Product Code		3330	3320	3270	

*The information and figures given here are typical of current production and conform to specification, minor variations may occur.

