



PETROMIN Hydraulic Oil AW series is a premium range of hydraulic fluids carefully designed with select superior base oils and balanced additive system that results in prompt, reliable equipment service in Industrial high pressure hydraulic systems and mobile equipment. It meets the latest demands of hydraulic equipment and satisfies relevant market requirements.

Benefits

- Excellent resistance to oxidation and thermal degradation results in improved service life, reduced deposits.
- Superior machinery protection against corrosion and wear.
- Superlative anti-foam and de-aeration performance.
- Compatible with most other mineral oil based hydraulic oils especially from changeover perspective.

Meets/Exceeds

- DIN 51524 Part 2 (HLP)
- Denison HF-0, HF-1, HF-2
- Cincinnati Machine P-68, P-70, P-69
- Eaton Brochure 694 for 35VQ25A (formerly M-2950-S and I-286-S)
- AFNOR NF E 48-603 HM
- ISO 11158 HM
- ASTM D6158 Type HM
- GM LS2

Applications

- Stationary and mobile hydraulic equipment that operate in severe service conditions.
- Industrial hydraulic equipment in agriculture, construction, road, mining, and other manufacturing sectors.
- Suitable as a circulation oil for moderately loaded gears and bearings.
- Hydraulic applications in industrial machinery such as lathes and milling machines.

Product Characteristics

Properties	Test Method	Unit	ISO VG 46	ISO VG 68	ISO VG 100
Density @ 15 °C	ASTM D4052	kg/L	0.8861	0.8701	0.8729
Kin. Viscosity at 40 °C	ASTM D445	cSt	47.0	69.4	100.1
Kin. Viscosity at 100 °C	ASTM D445	cSt	7.0	9.0	11.6
Viscosity Index	ASTM D2270	-	106	105	103
Flash Point, COC	ASTM D92	°C	236	248	240
Pour Point	ASTM D97	°C	-27	-24	-21
<i>Product Code</i>			<i>272000</i>	<i>500000</i>	<i>513000</i>

* Information, test methods, figures are typical and conform to specification; minor variation may occur.

* Refer Owner's Manual for the manufacturer's recommended performance level, viscosity grade and builder approval requirements.

* Please refer to the product Safety Data Sheet (SDS) for health, safety, and handling information.

