



PETROMIN Hydraulic Oil VH series is an advanced high viscosity index hydraulic oil that offers flawless performance and superior equipment protection under wide temperature variations. It meets all major global hydraulic lubricant OEM requirements to protect the equipment operating in severe climates.

Benefits

- Very high viscosity index and low pour point help equipment operation at sub-zero as well as elevated temperatures.
- Unmatched anti-wear, R&O properties offer component protection and extended machinery life.
- Exceptional oxidation stability reduces deposits, machine maintenance and improves fluid life.
- Better air separation properties prevent cavitation and aeration, thereby reducing system response time.

Meets/Exceeds

- DIN 51524 Part 2 (HLP) & Part 3 (HVLP)
- 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 and HV
- ISO 11158 HM and HV
- ASTM D 6158 Type HM and HV
- Denison HF-0, HF-1 and HF-2
- GM LS2

Applications

- Stationary and mobile hydraulic equipment in harsh conditions.
- Hydraulic systems, Numerically Controlled (CNC) machines, and equipment where servo-valves are used.
- Hydraulic cranes and lifts, loaders, forklifts, excavators, dumpers, etc.,
- Industrial hydraulic equipment in agriculture, construction, road, mining, and other sectors.
- Hydraulic systems of metalworking machines, or circulation systems of industrial machinery.

Product Characteristics

Properties	Test Method	Unit	ISO VG 32	ISO VG 68
Density @ 15 °C	ASTM D4052	kg/L	0.8587	0.8834
Kinematic Viscosity @ 40 °C	ASTM D445	cSt	32.05	68.21
Kinematic Viscosity @ 100 °C	ASTM D445	cSt	6.08	10.67
Viscosity Index	ASTM D2270	-	145	146
Flash Point, COC	ASTM D92	°C	228	238
Pour Point	ASTM D97	°C	-39	-36
<i>Product Code</i>			<i>496000</i>	<i>506000</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.

