

HYDRAULIC OIL VH

PETROMIN HYDRAULIC OIL VH Series is anti-wear oil blended with high quality base oils incorporated with special additives that impart superior viscosity / temperature characteristics. They have a very high viscosity index and low pour points to provide fluidity at sub-zero temperatures, and they remain suitable for widely varying ambient temperatures.

BENEFITS

- Very low viscosity variation with temperature.
- High shear stability.
- Oxidation resistant.
- Excellent filterability.
- Efficient anti-wear performance.
- Rust and corrosion protection.

SPECIFICATION & APPROVALS

Petromin HYDRAULIC OILS Series meets or exceeds the requirements of:

- AGMA 250.04
- DIN 51524 Part II & III

APPLICATIONS

PETROMIN HYDRAULIC OILS Series is specially suited for hydraulic systems which are subjected to extremes of temperature. Suitable for Hydraulic and Fluid Power Transmission system subjected to wide variation in temperature of where low viscosity change with fluctuating temperature is required. They are available in a wide range of viscosities to meet a variety of design and operating requirements.



PRODUCT DATA SHEET

PRODUCT CHARACTERISTICS*

PROPERTIES	UNITS	VALUE					TEST METHOD
ISO Grade	-	15	32	46	68	100	DIN 51511
Specific Gravity @ 15 °C	-	0.832	0.871	0.876	0.882	0.882	ASTM D-4052
Viscosity @ 40 °C	mm ² /s	15.2	32.0	44.0	67.3	100.1	ASTM D-445
Viscosity @ 100 °C	mm ² /s	3.85	6.4	7.9	10.84	13.55	ASTM D-445
Viscosity Index	-	153	152	152	152	135	ASTM D-2270
Flash Point, COC	°C	185	224	220	226	238	ASTM D-92
Pour Point	°C	-42	-39	-39	-36	-30	ASTM D-97
Color	-	1.0	1.0	L 1.5	L 1.5	L 1.5	ASTM D-1500
Neutralization No.	mg KOH/g	-	0.2	0.2	0.2	0.2	ASTM D-974
Zinc Content	% wt.	0.022	0.022	0.022	0.022	0.022	ASTM D-4951
Product Code		5110	4960	5050	5060	4990	-

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

