

# PRODUCT DATA SHEET

## CROWN HYDRAULIC OIL

**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. They remain suitable in 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.

### PERFORMANCE LEVEL

Meets and Exceeds:

- AGMA 250.04
- DIN 51524 PART II & III

### APPLICATION

**Hydraulic Oil VH Series** is specially design for hydraulic systems, which operates in high-temperature conditions. It can perfectly perform in Fluid Power Transmission system that is operating in changing temperature conditions, where low viscosity change with unstable temperature is required. Hydraulic Oils VH Series comes in a different range of viscosities to meet all kinds of applications, design and operating conditions.

### PRODUCT CHARACTERISTIC

PROPERTIES	UNITS	VALUE					TEST METHOD
<b>ISO GRADE</b>	-	<b>15</b>	<b>32</b>	<b>46</b>	<b>68</b>	<b>100</b>	-
Specific Gravity @ 15 °C	-	0.832	0.866	0.878	0.882	0.882	ASTM D-4052
Viscosity @ 40 °C	mm <sup>2</sup> /s	15.2	32.31	46.2	68.07	100.1	ASTM D-445
Viscosity @ 100 °C	mm <sup>2</sup> /s	3.85	6.19	7.98	10.98	13.55	ASTM D-445
Viscosity Index	-	153	144	145	153	135	ASTM D-2270
Flash Point, COC	°C	185	224	220	226	238	ASTM D-92
Pour Point	°C	-42	-42	-39	-36	-30	ASTM D-97
Color	-	1.0	0.5	1.0	L 1.5	L 1.5	ASTM D-1500
Neutralization	Mg KOH/g	0.38	0.38	0.38	0.38	0.38	ASTM D-974
<b>Product Code</b>	-	<b>511044</b>	<b>496044</b>	<b>505044</b>	<b>506044</b>	<b>499044</b>	-