



## UNITED VESTA HYDRAULIC OIL HP

### Product Description:

United Vesta Hydraulic Oil HP are produced from highly refined base stocks and premium grade hydraulic oil additive packages. These products are designed for today's modern hydraulic systems with higher make up rates and sophisticated filtering systems.

The additives found in United Vesta Hydraulic Oil HP enhance the anti-wear characteristics of the fluid. They also inhibit foam from forming in the oil and offer a robust protection against rust and corrosion as well as superior filterability.

United Vesta Hydraulic Oil HP are suitable for applications used in hydraulic & pump systems where excellent antiwear performance & superior filterability are essential.

### Applications / Benefits:

- ▣ Prevents wear.
- ▣ Protects against rust and corrosion.
- ▣ Resists foaming & separates readily from water.
- ▣ Superior filterability.

### Typical Characteristics:

Test Description	Method	32	46	68	100	150
ISO Viscosity Grade	-	32	46	68	100	150
Specific Gravity @ 15 °C	ASTM D 4052	0.860	0.871	0.881	0.889	0.893
Flash Point, °C	ASTM D 92	212	224	232	242	254
Pour Point, °C	ASTM D 97	-12	-9	-9	-9	-9
Kinematic Viscosity, cSt @ 40°C	ASTM D 445	32.1	46.4	68.8	98.7	143
cSt @ 100°C	ASTM D 445	5.42	6.78	8.71	11.1	14.2
Viscosity Index	ASTM D 2270	105	102	100	98	97
Color	ASTM D 1500	0.5	<1.0	<1.5	<1.5	<2.0



**United Oil**  
PERFORMANCE • VALUE • RELIABILITY

### Specifications, Approvals & Recommendations:

- ASTM D6158 (HM, HV)
- AIST 126, 127
- Bosch Rexroth RDE 90235
- DIN 51524-2 (HM)
- Eaton E-FDGN-TB002-E
- Fives P68, P69, P70 (HM, HV)
- GB 11118.1-2011 (L-HL, L-HM, L-HV, L-HS)
- GM LS-2
- ISO 11158 (HM, HV)
- JCMAS P041 HK Hydraulic specification
- Parker (formerly Denison) HF-0, HF-1, HF-2 (HM, HV)
- SAE MS 1004 (HM, HV)
- SEB 181222

Product Data Sheet