



TARMOND HSO SERIES

HLP HYDRAULIC SYSTEM OILS

Product Description:

TARMOND HSO SERIES are blended with new-generation anti-wear (AW) additive technology in combination with highly refined base stocks. They are premium hydraulic fluids for severe operating conditions containing anti-oxidant and anti-foam additives at low temperatures. They enhance and maintain excellent viscosity & temperature characteristics. TARMOND HSO SERIES minimizes deposit formation leading to a cleaner hydraulic system.

Applications:

TARMOND HSO SERIES has been developed for use in a wide variety of industrial hydraulics applications such as machine tools, presses, pneumatic systems, circulation and control systems. It can be used in many types of equipment which transmit power through a hydraulic medium. The anti-wear characteristics ensure extended pump life in all hydraulic systems.

Benefits:

- ❖ Good thermal stability
- ❖ Excellent oxidation resistance
- ❖ Load-carrying and wear-resistant performance
- ❖ Low pour points ensure fluidity at low temperatures
- ❖ Good demulsifying property
- ❖ Excellent filterability
- ❖ Excellent anti-foaming and release of entrained air
- ❖ It prevents unsatisfactory protection at maximum operating temperatures
- ❖ It prevents the loss of system efficiency

Meets the Performances:

DIN 51524 Part 1 (HL), Part 2 (HLP), Part 3 (HVLP); ISO 11158 HM; Cincinnati P-68, P-69, P-70; AFNOR NF E 48-603 HL&HM; DENISON HF-0 bench tests

Please check your owner's manual for the manufacturer's recommended oil viscosity grade and API classification and approvals.

Technical Data:

TARMOND HSO SERIES	Test method					
ISO VG	HM	22	32	46	68	100
Density at 15°C gr/cm ³	ASTM D 1298	0.865	0.870	0.875	0.880	0.886
Viscosity at 40°C cSt	ASTM D 445	22	32	46	68	100
Viscosity at 100°C cSt	ASTM D 445	4.3	5.2	6.6	8.6	10.5
Viscosity Index	ASTM D 2270	95	95	95	95	95
Flash point °C	ASTM D 92	190	216	220	220	224
Pour point °C	ASTM D 97	-38	-37	-36	-34	-33

Above values are the typical values of the products and may vary with each batch