TARMOND HSO HVI SERIES
HYDRAULIC SYSTEM OILS

Product Description:

TARMOND HSO HVI SERIES are highly refined mineral oil based, zinc-containing hydraulic fluids suitable to use in a wide temperature range. It's with high viscosity index, they exhibit excellent viscosity-temperature properties of multi-grade characteristics. This assures that even under extreme temperature variations or when starting the system at low temperatures, a maximum steadiness of the operational performance is ensured. It contains selected agents for improving the resistance to aging, corrosion protection and anti-wear properties. Foaming behaviour and air separation properties are adjusted for optimum performance.

Applications:

❖ Excellent suitability in modern hydraulic systems

❖ Particularly suitable for applications in outdoor hydraulic systems for all-season use

❖ Highly suitable for operating under highly fluctuating temperatures such as construction machineries, forklifts and vehicles operating under severe conditions

❖ Fits for hydrostatic circulations in building machineries, forklifts and utility vehicles

Benefits:

❖ Multi-grade character

❖ Very good viscosity and temperature properties

❖ Long service life

❖ Reduction of friction and wear at heavy loads, particularly at shock loads

❖ Prevents foam formation

❖ High resistance to aging

❖ Improved corrosion protection

Meets the Performances:

DIN 51524 PART3 (HVLP); AFNOR NF E 48-603; U.S. Steel 126/127

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

Technical Data:

TAREX HSO HVI SERIES	Test method			
ISO VG	HM	32	46	68
Density at 15°C gr/cm³	ASTM D 1298	0.852	0.861	0.875
Viscosity at 40°C cSt	ASTM D 445	32	46	68
Viscosity at 100°C cSt	ASTM D 445	6.3	8.15	10.8
Viscosity Index	ASTM D 2270	150	150	150
Flash point °C	ASTM D 92	216	220	225
Foam Sequence I, Tendency/Stability	ASTM D 892	20/0	20/0	20/0
Pour point °C	ASTM D 97	-40	-39	-36

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