TARMOND HYFLO HVI

WIDE TEMPERATURE RANGE HYDRAULIC SYSTEM OILS

Product Description:

Tarmond HyFlo HVI is a highly refined, mineral-oil-based, zinc-containing hydraulic fluid suitable for use across a wide temperature range. With its high viscosity index, it exhibits excellent viscosity–temperature behavior with multigrade characteristics. This ensures stable operational performance even under extreme temperature variations or during cold starts. It contains selected additives to improve resistance to aging, corrosion protection, and anti-wear performance. Foaming behavior and air-release properties are optimized for maximum efficiency.

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 Specifications:

DIN 51524 PART3 (HVLP); AFNOR NF-E 48-603; ISO 11158 HV; GB 111181-1-94 HV

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

Technical Data:

Tarmond HyFlo HVI	Test Method			
ISO VG	HV	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
Pour Point, °C	ASTM D 97	-40	-39	-36
Foam Sequence I Tendency/ Stability	ASTM D 892	20/0	20/0	20/0

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