

Product Data Sheet

Servohydrex 32 / TH 46 / 68 / 100



Description

Servohydrex 32 / TH 46 / 68 / 100 oils are anti-wear type hydraulic oils having very high viscosity index and low pour point. These oils are blended with high quality base stocks and are incorporated with oxidation inhibitor and anti-rust additives to give long trouble free service. The defoamant additive prevents build-up of foam in the hydraulic system. Servohydrex oils have special anti-wear additive essential for certain hydraulic equipment used for heavy duty operations.

Performance, Features and Benefits

- Easy flow at very low temperatures
- Suitable for a wide range of operating temperatures due to its very high viscosity index
- Provide good protection against wear thereby prolonging service life of moving parts
- Possess excellent resistance to oxidation
- Have reduced foaming tendency
- Provide protection against rust and corrosion

Application

Servohydrex oils are recommended as fluid media in all hydraulic systems where very low operating temperatures are encountered and the application demands use of a very high viscosity index oils.

Approvals

- Servohydrex TH 46 is approved by TELCO for Tata Hitachi excavators.
- Servohydrex 68 & 100 is approved by L&T Komatsu for use in Komatsu / Poclain excavators.

Typical Physical Characteristics

Parameters	Method	32	46	68	100
Appearance	Visual	Clear	Clear	Clear	Clear
Colour	ASTM D1500	<1.5	< 2.0	Crimson Red	4
Flash point COC, °C	ASTM D92	211	228	231	237
Pour point, °C	ASTM D97	-39	-36	-24	-24
Kinematic viscosity at 40°C, cSt	ASTM D445	31.0	46.1	68.5	105
Viscosity Index	ASTM D2270	160	151	147	130
TAN, mg KOH/g	ASTM D974	0.18	0.23	0.23	0.23
Water Separability, min	ASTM D1401	15	15	15	20
Rust Test	ASTM D665 B	Pass	Pass	Pass	Pass
FZG Load Stage	DIN 51354	10	10	10	10

Health, Safety & Environment

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or at <https://cx.indianoil.in/>. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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