SRS Ersolan

Industrial Gear Oils

June 2024

Characteristics

SRS Ersolan are zinc-free, industrial gear oils blended exclusively from highly solvent refined paraffinic base oils from Salzbergen and Hamburg refineries. SRS Ersolan industrial gear oils ensure maximum wear protection, oxidation stability, protection against corrosion, good thermal stability, prevention of pitting, excellent demulsibility, compatibility with seals and non-ferrous metals, negligible foam tendency.

Application

SRS Ersolan gear oils, available in different viscosity grades, are recommended for a wide variety of industrial gear drives. They have proven themselves in operation in numerous transmissions from many different manufacturers. SRS Ersolan industrial gear oils have shown their excellent performance characteristics in a particularly impressive manner in thermally-stressed gear drives and under difficult operating conditions in mining and steel industry.

Performance / Specifications

The requirements for CLP gear oils as described in DIN 51 517 Part 3 and SEB 181 226 are met. Many of the requirements of these two standards are outperformed by far. SRS Ersolan is approved by VDEh. SRS Ersolan industrial gear oils meet the requirements of ISO 12925 part 1 / ISO 6743 part 6 L-CKC. Key Accounts have more stringent requirements than those defined by DIN and SEB. These demands like FE 8-test are also met.

Approvals

- VDEh-Approval SEB 181 226
- ZF Approval Number ZF003462 / ZF003463
  ZF TE-ML 04H[1]
- Bundeswehr TL 9150 – 0105/4 [2]

[1] for SRS Ersolan 100 and SRS Ersolan 150
[2] for SRS Ersolan 150, 220 and SRS Ersolan 320

SRS Ersolan industrial gear oils are products of the H&R ChemPharm GmbH.

Typical Data		Test Method	SRS Ersolan						
			68	100	150	220	320	460	680
Designation		DIN 51 502	CLP68	CLP100	CLP150	CLP220	CLP300	CLP460	CLP680
Density at 15°C	g/cm³	DIN EN ISO 12185	0.877	0.881	0.887	0.891	0.893	0.897	0.900
Kin. Viscosity at 40°C	mm²/s	DIN EN ISO 3104	69	102	154	223	321	449	686
Kin. Viscosity at 100°C	mm²/s	DIN EN ISO 3104	8.5	11.2	14.3	18.8	23.7	29.2	39
Flash Point COC	°C	DIN ISO 2592	235	245	250	285	290	295	300
Pour Point	°C	DIN ISO 3016	-24	-21	-21	-21	-18	-15	-15
FZG-Test A/16.6/140	Fail stage	DIN ISO 14635	> 12	> 12	> 12	> 12	> 12	> 12	> 12

The above values may vary within the commercial limits.

Made in Germany

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