

SRS Ersolan synth GF



Fully synthetic Industrial Gear Oils

May 2022

Characteristics

SRS Ersolan synth GF industrial gear oils are high performance fully synthetic gear oils.

Fully synthetic base oils (PAO) and exclusive tailored additives ensure the use in thermal high loaded industrial gear boxes with extended drain intervals and in wind turbine gear boxes.

SRS Ersolan synth GF 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.

Application

SRS Ersolan synth GF gear oils, available in different viscosity grades, are recommended for a wide variety of industrial gear drives. The SRS Ersolan synth GF industrial gear oils have shown their excellent performance characteristics in a particularly impressive manner in thermally-stressed gear drives and under difficult operating conditions as for example in wind turbine gear boxes.

Performance / Specifications

- Gear Oil CLP acc. DIN 51 517 part 3
- Gear Oil CKC – CKD acc. ISO 12925 part 1
- FZG pitting test > level 10
- Siemens - Flender Industrial Gear Revision 15
- SKF and FAG requirements of wind turbine gear boxes
- U.S. Steel 224
- AGMA 9005-E02

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

Typical Data	Test Method	SRS Ersolan synth GF					
		68	100	150	220	320	460
Designation	DIN 51 502	CLP68	CLP100	CLP150	CLP220	CLP300	CLP460
Density at 15°C g/cm ³	DIN 51 757	0.850	0.852	0.856	0.860	0.862	0.864
Kin. Viscosity at 40°C mm ² /s	DIN EN ISO 3104	68.1	102	150	219	321	461
Kin. Viscosity at 100°C mm ² /s	DIN EN ISO 3104	10.7	14.9	19.8	26.7	34.9	46.2
Viscosity Index (VI)	DIN ISO 2909	146	152	153	156	154	157
Flash Point COC °C	DIN ISO 2592	252	257	276	260	267	278
Pour Point °C	DIN ISO 3016	-51	-45	-42	-39	-36	-36

The above values may vary within the commercial limits.

Made in Germany