

TECHNICAL DATA SHEETS

elin GOL series (68, 100, 150, 220, 320, 460)

Description

elin GOL oils are high performance, multipurpose gear lubricants designed for industrial gear lubrication services where loads and shock loadings are high.

elin GOL oils are formulated using paraffinic base oils combined with additives that provide extreme pressure and antiwear characteristics, rust and corrosion protection, increased oxidation stability, improved resistance to foaming and excellent high load performance.

Main Performance Features

1. Extremely effective EP additives
2. High thermal stability
3. High oxidation stability
4. Good water separation
5. Effective corrosion inhibitor provides additional protection for metal components.

Typical uses

elin GOL oils are recommended for circulation and bath lubrication of heavily loaded enclosed gears. They can also be used to lubricate other mechanically stressed parts and components such as couplings, load transmission screws and low speed plain bearings.

Requirements – Specifications

elin GOL oils meet the below requirements – specifications:

- DIN 51517 PART 3 CLP
- U.S. STEEL 224
- AGMA 9005 – E02
- ISO 12925 – 1 Type CKC/CKD

(*) Typical Characteristics

ISO GRADES	68	100	150	220	320	460
Density at 15°C, Kg/l	0,883	0,891	0,893	0,898	0,902	0,903
Kin. Viscosity at 40°C, cSt	64,6	95	142	209	304	437
Kin. Viscosity at 100°C, cSt	8,6	11,0	14,4	18,6	23,2	29,4
Viscosity Index	104	100	99	98	95	95
Flash point (C.O.C.), °C	225	225	240	245	245	245
Pour Point, °C	-24	-21	-21	-18	-18	-15

(*) (The above figures are typical of those obtained within normal production tolerances, and do not constitute a specification)

