

Description

elin HeavyTec Synthetic HT-GP oils are supreme performance gear and bearing oils designed to provide outstanding service in terms of equipment protection, oil life and problem-free operation. They are formulated from synthesized, wax-free hydrocarbon base fluids (**polyalphaolefins - PAO**)

Main Performance Features

1. Superb high temperature thermal/oxidation resistance
2. High Viscosity Index and absence of wax
3. Low traction coefficient (reduces overall friction and can increase efficiency in sliding mechanisms)
4. High load carrying capability (Protects equipment and extends life. Minimizes unexpected downtime and extends service periods)
5. Excellent water separability
6. Excellent behavior in foam control
7. Excellent performance in terms of rust and corrosion prevention

Typical uses

elin HeavyTec Synthetic HT-GP oils are recommended for use in a wide variety of marine and industrial gear and bearing applications where high or low temperatures are encountered. They are also recommended where operating temperatures or bulk oil temperatures are such that conventional lubricants give unsatisfactory life, or where improved efficiency is needed.

Requirements - Specifications

elin HeavyTec Synthetic HT-GP oils meet the below requirements – specifications:

- **AGMA 9005-E02**
- **U.S. STEEL: 224**
- **Flender AG**
- **ISO 12925-1 Type CKD**
- **David Brown S1.53.106**

(*) Typical Characteristics

ISO GRADES	68	150	220	320	460
Density at 15°C, Kg/l	0,861	0,877	0,881	0,883	0,879
Kin. Viscosity at 40°C, cSt	70	143	216	326	430
Kin. Viscosity at 100°C, cSt	10.9	18.3	25.2	38.6	48.5
Viscosity Index	146	143	147	169	174
Flash point (C.O.C.), °C	236	238	240	250	262
Pour Point, °C	-48	-45	-42	-42	-42

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

