

linelube Gear Oil SH 320

Product Description

Syngear oils are exceptional polyalphaolefin based synthetic gear lubricating oils designed to withstand very heavy loading and high temperatures but also exhibits excellent cooling properties due to its relatively low viscosity. Allows thermally stable operation at temperatures in excess of 200°C. Maximum temperature rating 235-255°C.

Features & Benefits

- High molecular weight giving very high film strength
- Excellent viscosity index
- Very low pour point
- Improved heat transfer characteristics
- Lower coefficient of friction than mineral oils
- Extended lubricant life between oil changes
- Reduced oil consumption due to the high temperature stability and low volatility

Applications

Syngear oils are suited to gear and hydraulic applications operating under extreme service conditions.

Specifications

- **DIN:** 51517 Part 3
- **AGMA:** 9005-D94
- **US Steel:** 224
- **David Brown:** S1.53.101 (E)

Typical Test Data

| | |
|-----------------------------|-------|
| ISO Viscosity Grade | 320 |
| Density @ 15.5°C | 0.901 |
| Kinematic Viscosity @ 40°C | 320 |
| Kinematic Viscosity @ 100°C | 23.5 |
| Viscosity Index | 156 |
| Pour Point (°C) | -28 |
| Flash Point (°C) | 255 |

Health & Safety

For health and safety information please refer to the relevant health & safety data sheet on our website. The contents of this data sheet is given in good faith but without warranty.