

PRODUCT DATA SHEET

SERVOSYNGEAR 320 & 460 RR



DESCRIPTION

Servosyn gear 320 & 460 RR is a new technology synthetic industrial gear oil combined with suitable additive package to provide high temperature thermal stability and metal compatibility at elevated temperatures.

PERFORMANCE BENEFITS

- Reduced wear due to high load carrying capacity.
- Extended component life.
- Increased oil life.
- Low maintenance costs.
- Wide temperature application.
- Excellent resistance to oxidation and aging.
- High temperature thermal stability.

APPLICATION

This grade is recommended for heavily loaded worm gear systems that work under extreme pressure and at elevated temperatures like traction motor gear case of GM, EMD Locomotives and also for modern industrial heavily loaded worm gear applications, case carburized steel and bronze metallurgy.

PERFORMANCE STANDARDS

Servosyn gear 320 & 460 RR exceeds US Steel 224 specifications.

CHARACTERISTICS :

| ISO VG GRADE | 320 | 460 |
|---------------------------|-----------|---------|
| K. Vis. @ 40°C, cSt | 290 – 350 | 420-500 |
| K. Vis. @ 100°C, cSt (T) | 34.77 | 46.6 |
| Viscosity Index, Min | 150 | 145 |
| Flash Point, COC, °C, Min | 230 | 220 |
| Pour Point, °C, Max | (-) 27 | (-) 27 |
| TAN mg KOH/gm (T) | 0.80 | 0.50 |
| FZG Load Stage, Pass | | 14 |
| 4 Ball, Weld Load, Kg (T) | | 200 |

HEALTH & SAFETY

These oils are unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of industrial and personal hygiene are maintained.

For further information please contact our nearest office OR:

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