



# RACING GEAR OIL SYN 75W-140

## Product Description:

**RACING GEAR OIL SYN 75W-140** is a fully synthetic thermally stable limited slip gear lubricant designed to meet the demanding requirements of high performance cars, light duty and heavy duty commercial vehicles and off-highway equipment operating in most severe operating conditions.

**RACING GEAR OIL SYN 75W-140** is formulated with high quality 100% synthetic Poly Alpha Olefin (PAO) base oil in combination with a special additive package to reach the following properties:

- Exceptional thermo-oxidative stability and load bearing characteristics help in extending the life of the driveline components and the oil.
- Effective rust and corrosion protection, especially to copper and its alloys reduces wear, extends synchroniser life and improves shifting performance
- Outstanding low temperature fluidity reduces wear at start up and provides smoother shifting at low ambient temperatures
- Exceptional shear stability helps in retaining viscosity and film strength to protect against wear even under severe operating conditions

**RACING GEAR OIL SYN 75W-140** exceeds the following performance criteria:

**API GL-5 (LS)**  
**MACK GO-J**

**MIL-PRF-2105E**  
**Scania STO 2:0A**

**MIL-L-2105D**

**SAE J2360**

| Property              | Unit               | Test Method | Typical Value |
|-----------------------|--------------------|-------------|---------------|
| SAE Grade             |                    | SAE J306    | 75W-140       |
| Density@15°C          | kg/m <sup>3</sup>  | ASTM D4052  | 871.8         |
| Kin. Viscosity @40°C  | mm <sup>2</sup> /s | ASTM D7042  | 208.5         |
| Kin. Viscosity @100°C | mm <sup>2</sup> /s | ASTM D7042  | 28.7          |
| Viscosity Index       |                    | ASTM D2270  | 177           |
| Brookfield @-40°C     | cP                 | ASTM D2983  | 150000        |
| Flash Point COC       | °C                 | ASTM D92    | >210          |
| Pour Point            | °C                 | ASTM D7346  | -51           |



**Product Nr:** 43390  
**Date Superseded:** 24-6-2021

**Date Issued:** 24-12-2024  
**Revision nr:** 04