



# TOP 1 OIL PRODUCTS COMPANY

## PRODUCT DATA SHEET

June 2022

### TOP 1 HDI HEAVY DUTY INDUSTRIAL AXLE OIL 85W-140 GL-5

#### DESCRIPTIONS

TOP 1 HDI AXLE OIL 85W-140 GL-5 with EP (extreme pressure) additive is premium gear and axle oil formulated to provide excellent anti wear, anti-scuff, and corrosion protection. Better performance in the designed temperature range.

TOP 1 HDI AXLE OIL 85W-140 GL-5 dengan aditif EP (extreme pressure) adalah pelumas roda gigi berkualitas tinggi, diformulasikan untuk memberikan perlindungan dari keausan, lecet, dan korosi. Bekerja lebih bagus pada rentang temperatur kerja.

#### FEATURES AND ADVANTAGES

- Maintain flow in extreme temperature
- Suitable for industrial spur, herringbone, helical and spiral level gear sets.
- Suitable for worm gears and bronze gears in automotive and industrial equipment
- Hypoid gear axle
- Recommended for final drives requiring API GL-5 specification
- Suitable for manual transmission with API GL-4 / MT-1 specification.
- Bekerja sempurna pada temperatur ekstrim
- Cocok untuk perangkat roda gigi spur, herringbone, helical dan spiral pada industri.
- Cocok untuk roda gigi cacing dan roda gigi berbahan perunggu pada otomotif ataupun peralatan industri
- Poros roda gigi hypoid
- Direkomendasikan untuk roda gigi yang memerlukan spesifikasi API GL-5
- Cocok untuk transmisi manual dengan spesifikasi API GL-4 / MT-1

#### APPLICATION

TOP 1 HDI AXLE OIL 85W-140 GL-5 is recommended for:

API GL-5, MAN 342 M1, MAN 342 M2 MAN 342 M1, ZF 05A, ZF 07A, ZF 08, ZF 12E, ZF 16B-D, ZF 17B, ZF 19B, ZF 21A, Scania STO 1:0, Volvo 1273.10, SAE J2360, Industrial

TOP 1 HDI AXLE OIL 85W-140 GL-5

direkomendasikan untuk:

#### TYPICAL SPECIFICATIONS

| PARAMETER         | UNIT              | HDI AXLE OIL 85W-140 GL-5 |
|-------------------|-------------------|---------------------------|
| Appearance        |                   | Bright & Clear            |
| Density @15 C     | kg/m <sup>3</sup> | 902.2                     |
| Kin Visc at 40 C  | cSt               | 387.61                    |
| Kin Visc at 100 C | cSt               | 27.60                     |
| Visc Index        |                   | 97                        |
| Flash point (COC) | C                 | 222                       |
| Pour point        | C                 | -13                       |

\*These characteristics are typical. Variations may occur in future production