

# Product Data Sheet

## Tomoil™ Transmission Oil EP 140 GL-5

Transmission oil

### Product description

Tomoil™ Transmission Oil EP 140 GL-5 stands as a superior monograde solution meticulously formulated to optimize operational efficiency and increase the longevity of components in modern gear systems and transmissions, meeting the criteria of the API GL-5 performance standard. Composed of thoughtfully chosen base elements and a meticulously balanced combination of extreme pressure additives, it assures resilient shielding of gear components from wear and scoring.

### Application

Tomoil™ Transmission Oil EP 140 GL-5 can be used in spiral bevel and hypoid differentials, power dividers, and oil-lubricated steering axle wheel bearings where API GL-5 oils are recommended.

### Features & Benefits

- Impressive load-bearing capacity
- Displays extreme pressure (EP) characteristics
- Exhibits exceptional resistance to aging
- Demonstrates excellent anti-rust and anti-foam properties
- Contributes to noise reduction
- Possesses commendable anti-wear properties

### Typical Properties

| Property                     | Unit  | Test method | Typical value |
|------------------------------|-------|-------------|---------------|
| Density at 15°C              | g/cm3 | ASTM D 4052 | 0.898         |
| Kinematic Viscosity at 100°C | mm2/s | ASTM D 445  | 25.00         |
| Kinematic Viscosity at 40°C  | mm2/s | ASTM D 445  | 347.8         |
| Viscosity Index              | -     | ASTM D 2270 | 94            |
| Flash Point (COC)            | °C    | ASTM D 92   | 256           |
| Pour Point                   | °C    | ASTM D 7346 | -12           |

Typical property characteristics are based on current production. Whilst future production will conform to Tomoil<sup>TM</sup> specifications, variations in these characteristics may occur.

## Performance claims

- API GL-5
- MIL-L 2105 D

## Health, Safety & Environment

### • Health and Safety

This product is 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 guidance on Product Health & Safety refer to the appropriate Safety Data Sheet which can be obtained upon request or through our website: [www.tomoil.de](http://www.tomoil.de)

### • Protect the Environment

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

## Available pack sizes

- |                        |                          |
|------------------------|--------------------------|
| • 1 L Canister plastic | • 20 L Canister plastic  |
| • 4 L Canister plastic | • 30 L Canister plastic  |
| • 5 L Canister plastic | • 60 L Drum sheet metal  |
| • 6 L Canister plastic | • 200 L Drum sheet metal |
| • 7 L Canister plastic | • 1000 L Container       |

## Storage

- We recommend to store all packages under cover.
- Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings.
- Products should not be stored above 60 °C, exposed to hot sun or freezing conditions.

## Notes

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