

# EXTENDTECH 80W140 GL 5

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This is an extreme-pressure lubricant for gear boxes, specifically formulated to satisfy the highest service conditions: high speed, shockloads and high torque at low speeds.

### **APPLICATIONS**

This oil is recommended for all hypoid transmissions and is also suitable for spiral bevel gears, worm wheels and most transaxles.

## **FEATURES**

Frictional properties: easy gear shifting.

Anti-wear protection : extended transmission life. Extended oil life : proven resistance to oil degradation.

#### SPECIFICATION LEVEL

| API | GL-5         | ZF | TE-ML 12E |
|-----|--------------|----|-----------|
| MIL | MIL-L-2105 C | ZF | TE-ML 16B |
| MIL | MIL-L-2105 D | ZF | TE-ML 16C |
| MAN | 342 M-1      | ZF | TE-ML 16D |
| MAN | 342 M-2      | ZF | TE-ML 17B |
| ZF  | TE-ML 05A    | ZF | TE-ML 19B |
| ZF  | TE-ML 07A    |    |           |

## TYPICAL CHARACTERISTICS

| Test                         | Method     | Unit  | Average results |
|------------------------------|------------|-------|-----------------|
| Density at 15°C              | ASTM D4052 | g/ml  | 0.894           |
| Kinematic viscosity at 40°C  | ASTM D445  | mm²/s | 205             |
| Kinematic viscosity at 100°C | ASTM D445  | mm²/s | 26.6            |
| Viscosity index              | ASTM D2270 |       | 165             |
| Pour point                   | ASTM D6892 | °C    | -39             |
| Copper corrosion             | ASTM D130  |       | 1B              |
| Flash Point COC              | ASTM D92   | °C    | 215             |

We reserve the right to alter the general characteristics of our products in order to let our customers benefit of the latest technical evolutions.

