



WP HD 80W-90

WP HD 80W-90 GL-5 Gear Oil is an extreme pressure lubricant formulated to meet the rigorous standards of the API GL-5 and Mack Trucks GO-J specifications. This gear oil is crafted from premium-quality base stocks and advanced additive technology. WP HD 80W-90 GL-5 Gear Oil delivers exceptional extreme pressure performance, along with superior anti-wear, corrosion resistance, and rust preventive properties. It is ideal for use in heavy-duty and conventional differentials found in passenger cars, light-duty trucks, and heavy-duty on-road and off-road equipment.

Performance, Features & Benefits

WP HD 80W-90 is highly recommended for heavy duty gear applications.

- Minimum Gear Wear
- Excellent Extreme Pressure Performance
- Excellent Water Shedding Properties
- High Viscosity Index
- Outstanding Rust and Corrosion Protection
- Excellent Foam Resistance
- Good Low Temperature Fluidity
- Non-Corrosive

Specifications, Approvals & Recommendations

Equipment manufacturer's recommendations for viscosity grade, performance requirements and general operating conditions should be checked prior to use.

- API GL-5 ; MT-1
- SCANIA STO-1.0
- MIL-PRF-2105E
- MIL-L-2105D (E)
- MAN 342 M1
- J2360
- Mack GO-J



Typical Physical Characteristics

SAE Grade	80W-90
Viscosity, cSt at 40°C	138.6
Viscosity, cSt at 100°C	14.7
Viscosity Index	106
Specific Gravity 15.6 °C	.8870
Density, lbs/gal	7.39
Flash Point, °F	448
Pour Point, °C	-32
Brookfield Viscosity, ASTM D 2983, cP	120,000 (-26°C)
Foam Test, ASTM D 892	Pass
Copper Corrosion, ASTM D 130	Pass

These characteristics are typical of current production. Whilst future production will conform to manufacturers specification, variations in these characteristics may occur.

Health, Safety & Environment

• Health and Safety

WP HD 80W-90 is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200). For more information and recommendations, please view the Safety Data Sheet (MSDS). This product should not be used for purposes other than its intended use.

Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

Guidance on Health and Safety is available on the appropriate Safety Data Sheet, which can be obtained from www.WestPier.ca

• Protect the Environment

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

Additional Information

• Advice

Advice on applications not covered here may be obtained from your WestPier representative.