

KOMATSU®

Product data

Forestry Quality™

High Performance, GL-5 Axle Oil for General Applications

GO 80W-90 is a high performance, API GL-5 gear and axle oil for moderate to heavily loaded on and off-road driveline applications requiring SAE 80W-90 oil.

Performance, Features & Benefits

Multiple vehicle applications

High performance fluid for API GL-5 applications that may require SAE 80W-90, 90, or 80W fluids. May be used in some SAE 75W-90 applications where low temperature performance is not needed.

Longer oil drain capability

Long life additives ensure long-term protection of the gears and high oxidation resistance so providing extended drain capability.

Longer transmission life

Outstanding pitting, scoring and wear protection.

Main Applications

Automotive differentials

Automotive gearboxes, differentials and hypoid gear sets in motorcycle, passenger car, commercial vehicles, off-road construction and agricultural equipment.

General gear sets

Ancillary equipment gear sets and some industrial equipment.

Specifications, Approvals & Recommendations

- Mercedes Benz Sheet : 235.6
- MAN: 342 Type M2
- ZF TE-ML: 05A, 07A, 16C, 17B, 19B, 21A
- API Service Classification : GL-5
- US Military MIL-L-2105D

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Typical Physical Characteristics

Properties	Method	GO 80W-90
SAE Viscosity Grade	SAE J 306	80W-90
Kinematic Viscosity @40°C mm ² /s	ISO 3104	169
Kinematic Viscosity @100°C mm ² /s	ISO 3104	16.8
Density @15°C kg/m ³	ISO 12185	900
Flash Point (COC) °C	ISO 2592	220
Pour Point °C	ISO 3016	-30

These characteristics are typical of current production, variations in these characteristics may occur.

Health, Safety & Environment

Health and Safety

GO 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. 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.

Protect the Environment

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



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