

KOMATSU®

Product data

Forestry Quality™

AO 90LS

High quality, GL-5 axle oil for limited slip differentials

AO 90LS oil is blended for use in a wide variety of automotive axle units with limited slip differentials.

Performance, Features & Benefits

Comprehensive components

Specially selected additives impart good anti-wear, anti-rust characteristics, oxidation and thermal stability as well as the required coefficient of friction to meet requirements of limited slip differentials.

High quality base oils

Maintains low temperature flow in the designed temperature range, resists oxidation, and maintains oil film between gears

Main Applications

Automotive drivelines

Suitable for heavy duty vehicles, including construction machines or buses, and passenger cars which are fitted with limited slip differentials. May be used in other moderate to heavily loaded gear sets that will allow use of a friction modified, hypoid gear oil.

Specifications, Approvals & Recommendations

API Service Classification GL-5 Limited Slip

Typical Physical Characteristics

Properties	Method	AO 90LS
SAE Viscosity Grade	SAE J 306	90
Kinematic Viscosity @40°C mm ² /s	ISO 3104	155
Kinematic Viscosity @100°C mm ² /s	ISO 3104	15
Viscosity Index	ISO 2909	96
Density @15°C kg/m ³	ISO 12185	909
Flash Point (COC) °C	ISO 2592	210
Pour Point °C	ISO 3016	-18

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

Health, Safety & Environment

Health and Safety

AO 90LS 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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