



## P R E M I U M ( L S ) G e a r O i l

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Date 01/10

- DESCRIPTION:** CITGO Premium (LS) Gear Oil is a multipurpose, “limited slip” automotive gear lubricant. Selected additives impart extreme pressure properties which protect automotive gears operated under the most severe service conditions encountered in passenger cars, trucks, farm tractors, earthmoving, construction and other heavy-duty equipment. These additives impart the antiweld, antiscuff and antiwear properties which are necessary in heavy-duty applications. The friction modifier meets the requirements of “positive traction” or “limited slip” type differentials.
- QUALITIES:** CITGO Premium (LS) Gear Oil is blended to meet the multigrade viscosity requirements described in SAE Standard J306. This gear lubricant is formulated with high VI, refined base oils and thus does not require viscosity improver to meet multigrade viscometric properties. Because this lubricant does not contain VI improver, it will maintain its viscometric properties throughout its useful life and will not lose viscosity through shear.
- Equipment manufacturers’ recommendations should be followed when the gear lubricant is subject to high ambient temperatures. While some gearsets are designed for year-round operation using an SAE 80W-90, others may require SAE 85W-140 for high ambient temperature operations.
- CITGO Premium (LS) Gear Oil is designated for the highest severity of gear service, API Service Classification GL-5. CITGO Premium (LS) Gear Oil is on Mack Truck’s list of approved GO-H lubricants.
- APPLICATIONS:** CITGO Premium (LS) Gear Oil is recommended for use where “multipurpose” gear oil or one suitable for API Service GL-5 is required.
- Premium (LS) is for use in differentials of passenger cars and light trucks. Premium (LS) is also for use in limited slip differentials known as Sure-grip®, Posi-trac®, Trac-lock®, etc., for complete fill or for top-off.
- Premium (LS) is also for service in transmissions, differentials, final drives and other gearcases of trucks, buses and farm tractors where extreme pressure, hypoid or multipurpose gear oils are specified by the equipment manufacturer, including differentials.

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