

Introduction:

ALICON Gear EP is a high performance gear lubricant designed to provide effective lubrication in a wide range of automotive transmissions and axle drives where API GL-5 quality oils are specified. It is formulated from high quality base stocks and balanced extreme pressure additives to provide protection to gear components against wear and scoring. It offers protection against oxidation degradation and rust & corrosion. It meets API GL-5 and US MIL-L-2105 specifications for automotive gear oils.

Applications:

- Manual transmissions and transaxles requiring oils meeting API GL-5
- On-road passenger cars, light and heavy duty trucks, buses and vans
- Off-highway equipment in construction, mining and agriculture
- Other applications involving spiral bevel gears operating under moderate to severe speeds and loads and axles with hypoid gears operating under mild to moderate speeds and loads
- Not recommended for automatic transmissions

Advantages:

- Good Extreme Pressure and Antiwear properties protect against wear and scoring
- High oxidation stability minimises sludge and deposit formation facilitating longer gear and bearing life
- Effective rust and corrosion protection reduces wear and extends component life
- Better low temperature fluidity (EP-90/EP-140) reduces wear and provides easy startup at low ambient temperatures
- Good anti-foam properties ensure film strength for effective lubrication
- Excellent seal compatibility helps minimise leakages and reduce chances of contamination

Typical Specifications:

Sr. No.	Characteristics	Test Method	Type. Value
1	Appearance	VISUAL	Bright & Clear
2	Colour Max	ASTM D - 1500	4.0
3	Kinematic Viscosity at 100c,est	ASTM D - 445	13.5 -15.5
4	Viscosity Index, Min	ASTM D -2270	90
5	TBN,mg KOH/g	ASTM D -92	230
6	Flash Point, (COC), C Min	ASTM D -97	(-)21
7	Pour Point , C Max	ASTM D-130	Passes

Environment, Health & Safety:

Every care has been taken to ensure the accuracy of the information in this PDS. This however may be affected by subsequent improvement in product (R&D). MSDS is available for all ALICON products on request.

ALICON products are unlikely to present any health and safety hazard with proper use for the correct application and maintain proper personal hygiene. Do not Spill oils on the shop floor, discharge into drains ,ground or water sources.