

Product Data Sheet

Gear EP

Description and Applications

Saheli Gear EP series is a high performance gear lubricant designed to provide effective lubrication in a wide range of automotive transmissions and axle drives where API GL-4 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 effective protection against oxidation degradation and rust and corrosion.

Saheli Gear EP is available in SAE grades **80, 90, 140, 80W90** and **85W140**.

Features and Benefits

- Good Extreme Pressure and anti-wear properties protect against wear and scoring
- High oxidation stability minimizes 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 (**SAE 80W90** and **85W140**) reduces wear and provides easy startup at low ambient temperatures
- Good anti-foam properties ensure film strength for effective lubrication
- Excellent seal compatibility helps minimize leakages and reduce chances of contamination

Applications

- Manual transmissions and transaxles requiring oils meeting **API GL-4**.
- 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

Specifications

Meets:

- **API GL-4**
- **US MIL-L-2105D**

Test Parameters	Test Method	Typical Results				
		80	90	140	80W90	85W140
SAE Viscosity Grade						
Density @ 15°C gm/cm ³	ASTM D1298	0.888	0.895	0.902	0.894	0.901
Viscosity Index	ASTM D2270	99	97	95	101	97
Viscosity @ 100°C (cSt)	ASTM D 445	9.00	16.00	28.00	16.00	28.00
Pour Point °C	ASTM D 97	-24	-15	-12	-27	-18
Flash Point (COC) °C	ASTM D 92	200	210	230	210	230

The information contained in this data sheet are indicative and correspond to the date of publication of this document. The above data are based on laboratory tests. It is the reader's interest to ensure whether the most recent version of the data sheet. A safety data sheet is available on request by our sales consultant. For more information, please contact the sales department.

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