

TECHNICAL DATA SHEET

ORIENT – GEAR Oil SAE 85W90/85W140 GL-4

Description and Application :

The Automotive Transmission oils is designed for use in a hypoid, bevel and spiral gear units, axles and final drives operating under severe conditions and over a wide spectrum of operating conditions. The multi- grade viscosity characteristics meets the requirement of several automotive manufacturers for passenger cars and commercial trucks or buses.

Main Benefits:

- ✦ Very good wear protection, even under severe load conditions.
- ✦ High safety margin against foaming and corrosion
- ✦ Superior viscosity /temperature and cold flow properties
- ✦ Compatible with all seal and metal types.

Meets Specifications:

- ✦ Meets API GL-4 and MIL -L- 2105 D and the recommendation of numerous vehicles manufacturer such as IVECO, MAN, SCANIA and VOLVO for heavy vehicles rear axles and final drive units.

Typical Characteristics

Sr. No	Test Parameters SAE Viscosity Grade	Test Method	Typical 85W90	Typical 85W140
1	Appearance	Visual	C&B*	C&B*
2	Density @ 15°C gm/cm3	ASTM D1298	0.903	0.905
3	Viscosity Index	ASTM D2270	97	98
4	Viscosity @ 100°C (cSt)	ASTM D 445	17.75	28.50
5	Pour Point °C	ASTM D 97	-9	-9
6	Flash Point (COC) °C	ASTM D 92	250	278

*C&B = Clear and Bright

The above figures are typical of those obtained with normal production tolerance and do not constitute specifications