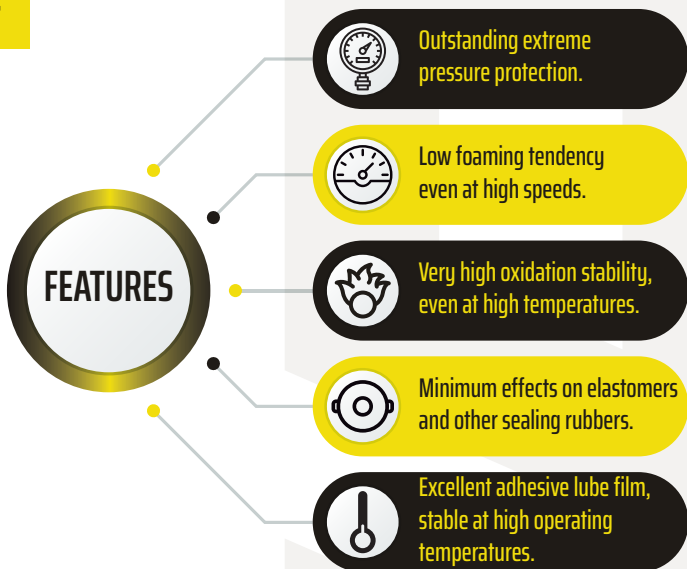


DESCRIPTION

Shield's Gear Oil SAE 90 is a multipurpose, extreme pressure, monograde gear oil. It exceeds the performance requirements of leading OEMs, truck and gear box manufacturers. The oil ensures full and immediate lubrication at cold starts and with a minimum associated power loss. The gear oil provides a supreme performance in passenger cars and trucks operating in both on-road & off-road conditions and at very high temperature conditions.



PERFORMANCE LEVELS:

- API GL-5, GL-4, GL-1
- MIL-L-2105
- ZF, Fuller & CS 3000A
- MACK Go-G Specifications

APPLICATIONS:

It is appropriate for hypoid, spiral bevel final drives and limited slip axles operating under severe load and high torque cycles. This oil is most suitable for manual transmissions, intermediate gear boxes, manual steering gear box drives, differentials (including limited-slip ones), and power take-offs found on motor vehicles and commercial machinery.

TYPICAL PHYSICAL PROPERTIES

SL#	Characteristics Unit	Test Method	GL-1	GL-4	GL-5
1	Density @ 15°C	ASTM D 1298	0.8940	0.8940	0.8940
2	Viscosity @ 40°C	ASTM D 445	109.1	109.1	109.1
3	Viscosity @ 100°C	ASTM D 445	16.52	16.52	16.52
4	Viscosity Index	ASTM D 445	162	162	162
5	Flash Point COC, °C	ASTM D 92	226	226	226
6	Pour Point, °C	ASTM D 97	-12	-12	-12
7	Color	ASTM D 1500	L1.5	L1.5	L1.5
8	Appearance	ASTM D 4176	C & B	C & B	C & B

* Exact specifications may slightly vary from the above, but within the international standards