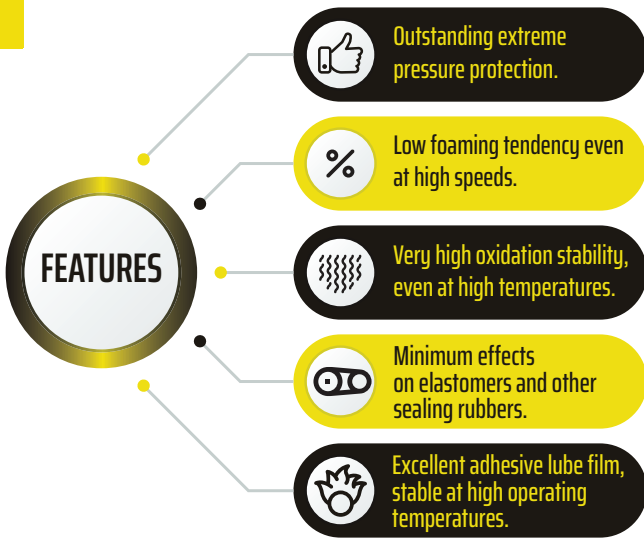


SHIELD - GEAR OIL SAE 80W90

DESCRIPTION

Shield's Gear Oil SAE 80W90 is a multipurpose, extreme pressure & multigrade gear oil. It exceeds the performance requirements of leading OEMs, truck and gear box manufacturers. The oil is all year round gear oil which 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 at both "on road & off road" 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:

Shield's Gear Oil SAE 80W90 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	Grades		
			80W90 GL-1	80W90 GL-4	80W90 GL-5
1	Density @ 15°C	ASTM D 1298	0.876	0.876	0.876
2	Viscosity @ 40°C, cSt	ASTM D 445	170.65	170.65	170.65
3	Viscosity @ 100°C, cSt	ASTM D 445	16	16	16
4	Viscosity Index	ASTM D 2270	98	98	98
5	Flash Point COC, °C	ASTM D 92	220	220	220
6	Pour Point, °C	ASTM D 97	-24	-24	-24
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