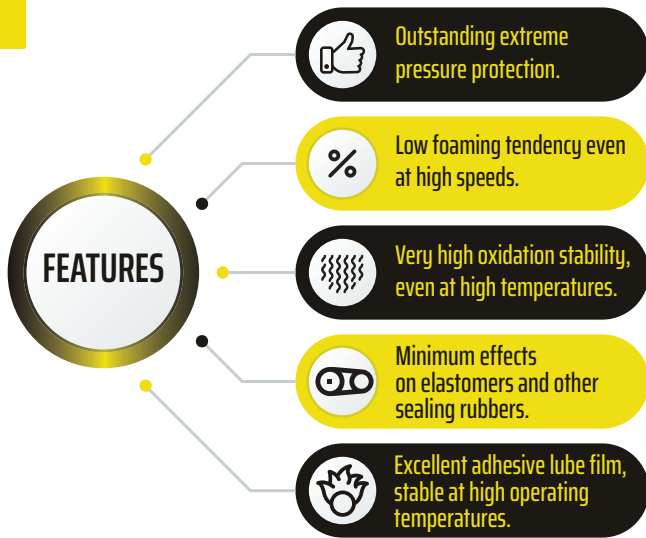


SHIELD - GEAR OIL SAE 140

DESCRIPTION

Shield's Gear Oil SAE 140 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 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 140 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 | | |
|-----|------------------------|-------------|----------|----------|----------|
| | | | 140 GL-1 | 140 GL-4 | 140 GL-5 |
| 1 | Density @ 15°C | ASTM D 1298 | 0.895 | 0.895 | 0.895 |
| 2 | Viscosity @ 40°C, cSt | ASTM D 445 | 392 | 392 | 392 |
| 3 | Viscosity @ 100°C, cSt | ASTM D 445 | 27.8 | 27.8 | 27.8 |
| 4 | Viscosity Index | ASTM D 2270 | 97 | 97 | 97 |
| 5 | Flash Point COC, °C | ASTM D 92 | 234 | 234 | 234 |
| 6 | Pour Point, °C | ASTM D 97 | -9 | -9 | -9 |
| 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