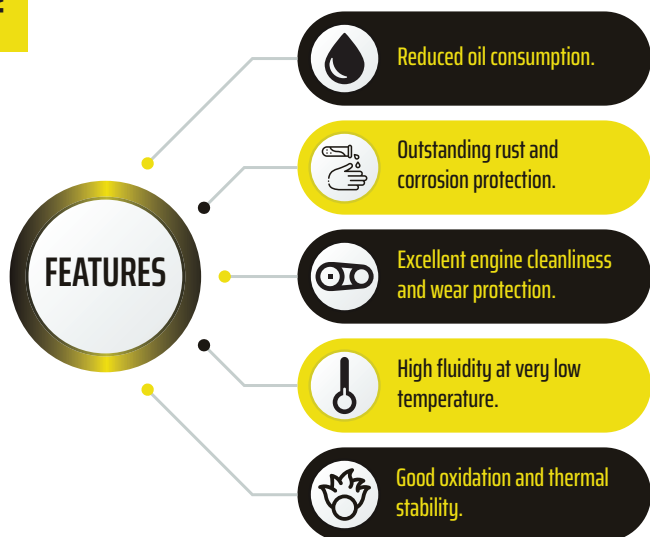




SHIELD - DIESEL ENGINE OIL SAE 40

DESCRIPTION

Shield's Diesel Engine Oil SAE 40 is a superior quality heavy-duty monograde lubricant for diesel engines. It is blended from premium quality virgin base oils and advanced additives that offer the best possible lubrication. It assures excellent protection against high temperature engine deposits, oil degradation, and forms a thick oil film that protects engine parts from friction and wear.



PERFORMANCE LEVELS:

- API CK4, CJ4, CI4, CH4, CF4.
- CUMMINS CES 20081, CES 20086.
- Mack EOS 4.5, EO-O Premium Plus-07.
- CATERPILLAR ECF-3, ECF-2, ECF-1a.
- DAIMLER MERCEDES-BENZ MB 228.31, MB 228.3.
- VOLVO VDS-4.4, VDS-3.
- RENAULT VI RLD-4, RLD-3.
- ACEA E7-16 / E9-16.
- ACEA E3-B4 -08.
- MAN 3275 / 3575.
- FORD WSS - M2 C171 - F1.
- DETROIT DIESEL 93K222 / 93K218
- MTU TYPE 2.1.
- DEUTZ DQC111 - 10LA.

APPLICATIONS:

The Shield Diesel Engine Oil SAE 40 is recommended for diesel engines with pressure circulation lubrication and fine filters. It is ideal for use in engines with increased operation temperatures and under high load. It is suitable for the engines of construction & agriculture equipment.

TYPICAL PHYSICAL PROPERTIES

SL#	Characteristics Unit	Test Method	API Grade / Performance Level			
			SAE 40 CK4	SAE 40 CJ4	SAE 40 CI4	SAE 40 CH4
1	Density @ 15°C	ASTM D 1298	0.894	0.894	0.894	0.894
2	Viscosity @ 40°C	ASTM D 445	145.1	145.1	145.1	145.1
3	Viscosity @ 100°C	ASTM D 445	14.5	14.5	14.5	14.5
4	Viscosity Index	ASTM D 2270	98	98	98	98
5	Flash Point COC, °C	ASTM D 92	230	230	230	230
6	Pour Point, °C	ASTM D 97	-18	-18	-18	-18
7	Total Base Number, mgKOH/g	ASTM D 2896	10	10	10	10
8	Color	ASTM D 1500	12.0	12.0	12.0	12.0
9	Appearance	ASTM D 4176	C & B	C & B	C & B	C & B

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