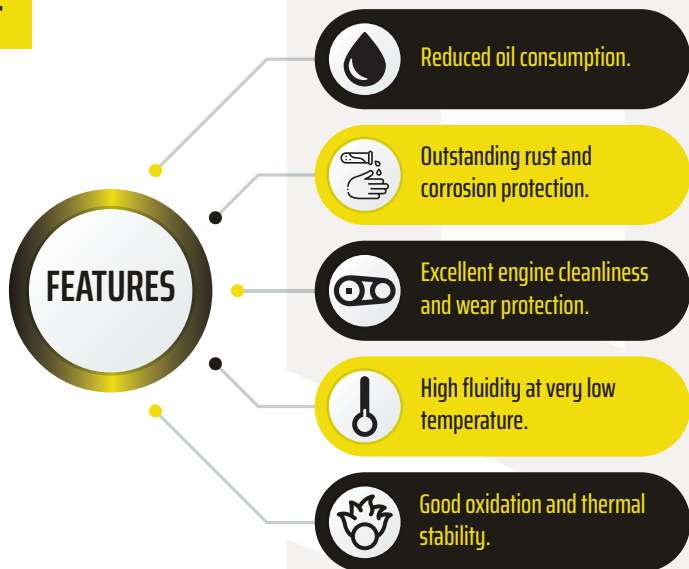




# SHIELD - DIESEL ENGINE OIL SAE 10W40 - FULLY SYNTHETIC

DESCRIPTION

Shield's Diesel Engine Oil SAE 10W40 Fully Synthetic is a superior quality heavy-duty lubricant for diesel engines. It is blended from premium quality virgin, synthetic 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 20076, CES 20071
- MACK EO-N PREMIUM PLUS, MACK EO-M
- CATERPILLAR ECF-1a
- DAIMLER MERCEDES-BENZ MB 228.3
- VOLVO VDS-3
- RENAULT VI RLD-2

## APPLICATIONS:

The Shield Diesel Engine Oil SAE 10W40 Fully Synthetic is recommended for mixed fleets of automotive diesel truck manufacturers, on-highway light and heavy-duty trucking, and off-highway industries including: construction, mining, quarrying, agriculture and diesel generator sets.

## TYPICAL PHYSICAL PROPERTIES

SL#	Characteristics Unit	Test Method	API Grade / Performance Level				
			CK4	CJ4	CI4	CH4	CF4
1	Density @ 15°C	ASTM D 1298	0.8760	0.8760	0.8760	0.8760	0.8760
2	Viscosity @ 40°C, cSt	ASTM D 445	76.24	76.24	76.24	76.24	76.24
3	Viscosity @ 100°C, cSt	ASTM D 445	13.65	13.65	13.65	13.65	13.65
4	Viscosity Index	ASTM D 445	184	184	184	184	184
5	Flash Point COC, °C	ASTM D 92	220	220	220	220	220
6	Pour Point, °C	ASTM D 97	-43	-43	-43	-43	-43
7	Total Base Number, mgKOH/g	ASTM D 2896	10	10	10	10	10
8	Color	ASTM D 1500	L1.5	L1.5	L1.5	L1.5	L1.5
9	Appearance	ASTM D 4176	C & B	C & B	C & B	C & B	C & B

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