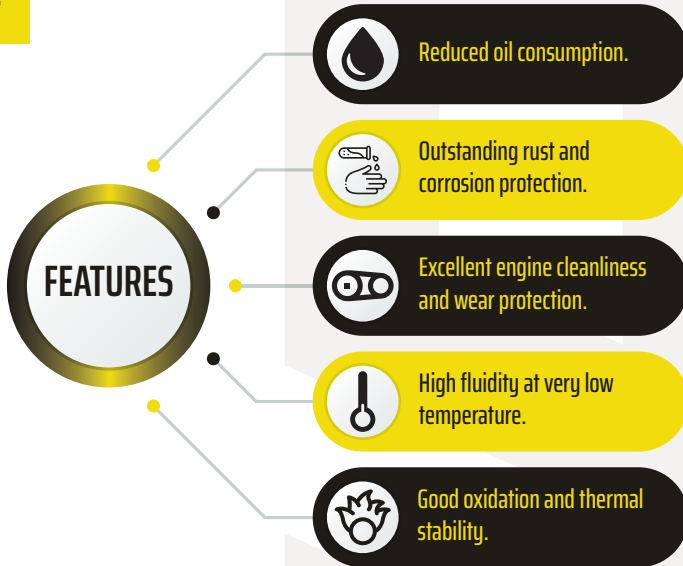


SHIELD - GASOLINE ENGINE OIL SAE 20W50

DESCRIPTION

Shield's Gasoline Engine Oil SAE 20W50 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 it forms a thick oil film that protects the engine parts from friction and wear.



PERFORMANCE LEVELS:

- API SN, SM, SL, SJ
- CCMC D4/D5
- ACEA E3-96
- VW 500.00, 505.00
- Daimler Mercedes-Benz MB 229.3

APPLICATIONS:

The Shield SAE 20W50 is recommended for gasoline-fueled passenger cars, light trucks and sport utility vehicles operating under high-temperature conditions where an SAE 20W50 engine oil is specified.

TYPICAL PHYSICAL PROPERTIES

SL#	Characteristics Unit	Test Method	20W50 SN	20W50 SM	20W50 SL	20W50 SJ
1	Density @ 15°C	ASTM D 1298	0.897	0.897	0.897	0.897
2	Viscosity @ 40°C	ASTM D 445	174.2	174.2	174.2	174.2
3	Viscosity @ 100°C	ASTM D 445	19.29	19.29	19.29	19.29
4	Viscosity Index	ASTM D 445	126	126	126	126
5	Flash Point COC, °C	ASTM D 92	235	235	235	235
6	Pour Point, °C	ASTM D 97	-28	-24	-24	-24
7	Total Base Number, mgKOH/g	ASTM D 2896	8.5	8.5	8.5	8.5
8	Color	ASTM D 1500	12.5	12.5	12.5	12.5
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