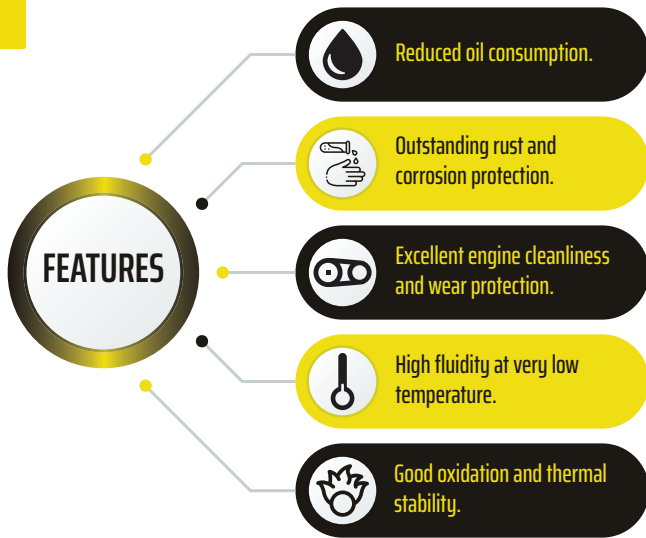


# SHIELD - GASOLINE ENGINE OIL SAE 5W30

### DESCRIPTION

Shield's Gasoline Engine Oil SAE 5W30 is a multigrade lubricant 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
- VW 500.00, 505.00
- CCMC-D4/D5
- ACEA E3-96
- MB 229.3

### APPLICATIONS:

Shield's Gasoline Engine Oil SAE 5W30 is recommended for gasoline-fueled passenger cars, light trucks and sport utility vehicles operating under high temperature conditions where SAE 5W30 engine oil is specified.

## TYPICAL PHYSICAL PROPERTIES

SL#	Characteristics Unit	Test Method	API Grade / Performance Level			
			5W30 SN	5W30 SM	5W30 SL	5W30 SJ
1	Density @ 15°C	ASTM D 1298	0.892	0.892	0.892	0.892
2	Viscosity @ 40°C	ASTM D 445	65.3	65.3	72.35	72.35
3	Viscosity @ 100°C	ASTM D 445	11.4	11.4	11.5	11.5
4	Viscosity Index	ASTM D 2270	169	169	152	152
5	Flash Point COC, °C	ASTM D 92	220	220	220	220
6	Pour Point, °C	ASTM D 97	-36	-36	-36	-36
7	Total Base Number, mgKOH/g	ASTM D 2896	9	9	9	9
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.