

Product Overview: GAUGE Petrol Engine Oil Mineral Series (SAE 40, SAE 50, and SAE 20W-50) is formulated with high-quality mineral base stocks and robust additive technology, delivering exceptional engine cleanliness, high-temperature oxidation resistance, and dependable wear protection for conventional passenger cars and commercial gasoline engines.

TYPICAL PHYSICAL CHARACTERISTICS

Property	SAE 40	SAE 50	SAE 20W-50
Viscosity Grade	SAE 40	SAE 50	SAE 20W-50
Technology	Mineral	Mineral	Mineral
Density @ 15°C	0.889 g/ml	0.892 g/ml	0.888 g/ml
Viscosity @ 100°C	14.5 cSt	18.5 cSt	19.0 cSt
Viscosity @ 40°C	140.0 cSt	205.0 cSt	175.0 cSt
Viscosity Index	102	100	125
Flash Point (COC)	> 230°C	> 238°C	> 235°C
Pour Point	-21°C	-18°C	-27°C
Total Base Number (TBN)	7.2 mg KOH/g	7.2 mg KOH/g	7.5 mg KOH/g

PERFORMANCE LEVELS & SPECIFICATIONS

SAE 40: API SF/CD, MIL-L-46152B (Provides reliable lubrication for older naturally aspirated gasoline and light diesel engines under moderate operating conditions).

SAE 50: API SF/CD, CCMC G2/D1 (Heavy monograde mineral oil designed for high ambient temperatures, older heavy-duty engines, and reduced oil consumption).

SAE 20W-50: API SL/CF, ACEA A3/B3, MB 229.1 (Multi-grade mineral formulation offering outstanding shear stability, high film strength, and protection against sludge and varnish buildup).

Health, Safety & Environment: Based on available toxicological information, this product is not expected to produce adverse effects on health when used for the intended application. Used oil should be disposed of properly and protected from environmental discharge. Visit us at www.gaugeenergy.com.