



FRANKOL API SM

PRODUCT DESCRIPTION:

FRANKOL 10W-40 SM is a high-performance multi-grade engine oil formulated with premium base stocks and a carefully balanced additive system. Meets the requirements of API SM for gasoline engines, offering excellent protection against wear, deposits, sludge, and corrosion. Suitable for use in modern high-performance engines operating under severe driving conditions.

APPLICATION:

FRANKOL 10W-40 SM is recommended for gasoline-powered passenger cars, SUVs, and light-duty trucks requiring API SM or earlier service categories. It is suitable for both turbocharged and naturally aspirated engines operating under a wide range of temperatures and driving conditions.

FEATURES & BENEFITS:

- Superior wear protection for long engine life
- Excellent high-temperature deposit control
- Enhanced low-temperature pumpability
- Outstanding thermal and oxidation stability
- Excellent protection against rust and corrosion

PERFORMANCE LEVELS: Meets and Exceeds:

- API SM
- ACEA A3/B3
- VW 501.01/505.00
- MB 229.3

TYPICAL PROPERTIES:

PARAMETERS	TEST METHOD	UNIT	FRANKOL 10W40 SM
Grade			10W-40
Kinematic Viscosity @ 104°F /40°C	ASTM D-7042	cSt	116.2
Kinematic Viscosity @ 212°F /100°C	ASTM D-7042	cSt	15.6
Viscosity Index (min)	ASTM D-2270	-	142
SP. Gravity @15°C/ 60°F	ASTM D-4052	g/cm ³	0.880
Flash Point (min)	ASTM D-92	°C	226
Pour Point (max)	ASTM D-97	°C	-30
TBN	ASTM D-2896	Mg KOH/g	8.0

HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website Frankol.net