



PRODUCT DATA SHEET

Havens Super 9000 SAE 10W40 API SN, SN/CF, SM/CF

DESCRIPTION

Havens Super 9000 SAE 10W40 API SN, SN/CF, SM/CF is a synthetic technology engine oil developed for the most recent requirement of gasoline passenger engines. It meets all current industry standard requirements of domestic car makers recommending API SM.

PROPERTIES

This lubricant assures:

- Maximum cleanliness
- Reduced engine maintenance costs
- Superior thermo-oxidative stability
- Excellent anti-wear technology

APPLICATIONS

Havens Super 9000 SAE 10W40 API SN, SN/CF, SM/CF can be used under the most difficult operating conditions (highways, congested city traffic, etc.) for every season. Recommended for all petrol engines (multi-valve and turbo types) turbo-charged or naturally aspirated in cars.

PERFORMANCE LEVELS

Meets and exceeds:

API SN PLUS; SN/CF, SN, SM, SL, ACEA A3/B4.

TYPICAL PROPERTIES

PARAMETERS	TEST METHOD	UNIT	Havens Super 9000 API SN, SN/CF, SM/CF	
			10W30	10W40
Viscosity Grade			10W30	10W40
Density @ 15°C	ASTM D1298	kg/l	0.870	0.874
Viscosity @ 100°C	ASTM D445	cSt	10.5	14.5
Viscosity @ 40°C	ASTM D445	cSt	69	97
Viscosity Index (min)	ASTM D2270	-	143	160
Cold Crank Simulator	ASTM D5293	cP	<7,200 @ -25 °C	<7,000 @ -25 °C
Pour Point	ASTM D97	°C	-33	-25
Flash Point	ASTM D92	°C	>230	230
Total Base Number (TBN)	ASTM D2896	mg KOH/g	9	10

The values shown above are typical values at the date of publication. Havens Lubricants reserves the right to change these typical values without prior notice.



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 www.havenslubricants.com

