



CHALLENGE SAE 5W-20

CHALLENGE SAE 5W-20 is a HC-synthetic high-performance low-friction engine oil for petrol and diesel passenger cars.

Base oils made with the latest HC-synthesis technology and carefully chosen innovative additives are combined to produce a lubricant that exceeds today's requirements. Excellent cold start behaviour ensures optimum lubrication during the cold start phase. The product provides reliable protection under extreme conditions and high temperatures.

A special combination of active agents based on the latest technology that are specially chosen to match the synthetic components provides unrivalled protection against wear, deposits and black sludge while keeping the engine clean.

As it significantly reduces the fuel consumption, CHALLENGE SAE 5W-20 helps protect the environment. CHALLENGE SAE 5W-20 is particularly recommended for use in the latest petrol and diesel passenger cars, where manufacturers prescribe a low-viscosity product.

Specification

API SP (RC), SN-Plus
ILSAC GF-5 / GF-6A

Recommended application

Chrysler MS6395, GM dexos 1, FORD WSS-M2C945-B1, Ford WSS-M2C960-A, Daihatsu, Hyundai, Honda, KIA, Isuzu, Lexus, Mazda, Nissan, Subaru, Suzuki, Toyota (wo gefordert/ where required)

Technical data	Unit	Test according	CHALLENGE SAE 5W-20
density at 15°C	Kg/m ³	DIN EN ISO 12185	845
Flammable COC	°C	DIN ISO 2592	240
Pourpoint	°C	DIN ISO 3016	-45
Viscosity 40°C	mm ² /s	DIN 51562-1	47
Viscosity 100°C	mm ² /s	DIN 51562-1	8,6
VI		DIN ISO 2909	164
TBN	mgKOH/g	DIN ISO 3771	8,5
Viscosity -30°C	mm ² /s	DIN 51562-1	4750

The expiration date is 3 years after production date under the permission that the product is stored in a dark, dry and cool place.

The given data are typical data. Please observe instructions.

powered by **Quality.**

PROFI-CAR
MADE IN GERMANY