



EXCELLIUM SM 10W50

Premium Fully Synthetic multigrade oil for passenger car engine

APPLICATIONS

Gasoline / diesel engine cars

- A premium fully synthetic engine oil with special protective additives for ultimate level of engine protection that exceeds USA and European industry standards.
- Recommended for all petrol engines (multi-valve and turbo types, with or without catalytic converter) and all diesel engines, turbo-charged or naturally aspirated in cars and light vans.

Arduous service conditions

- Designed to provide protection under severe driving style or conditions.
- Stability and endurance under extreme conditions (heat, load, speed) that can cause conventional oils to break down.

PERFORMANCES

International specifications

- API SM/CF (API Service Symbol)

Recommended for use

- Ford, GM, PSA, BMW, VW, Audi and Mercedes-Benz

CUSTOMER BENEFITS

Optimised performance

- Ensures excellent engine cleanliness and wear protection for vehicles in city and suburban driving conditions.

Lengthens engine life

- Excellent thermal and oxidation stability.
- An unique combination of advanced synthetic and meticulously selected additives provide freedom of ring sticking, reduction in deposits leading to a reduced engine wear and to a longer engine and component life.

Low temperature flow properties
Compatibility with a wide range of seal materials

- Thanks to its fully synthetic formulation, has an exceptional viscosity index.
- Circulates rapidly within the engine to minimize cold start up wear. Improves low temperature engine efficiency over conventional mineral oil.
- Ensures the important engine seals stay soft and pliable to minimize oil leakage.

CHARACTERISTICS

Elf Excellium SM	Method	Units	SAE 10W50
Volumetric mass at 15°C	ASTM D1298	kg/m ³	856
Viscosity at 40°C	ASTM D445	mm ² /s	115
Viscosity at 100°C	ASTM D445	mm ² /s	17.18
Viscosity Index	ASTM D2270	-	163
Pour Point	ASTM D97	°C	-36
Flash Point	ASTM D92	°C	230

The typical characteristics mentioned represent mean values

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Version April, 2006

This lubricant used in accordance with our recommendations and for the application for which it is intended does not represent a special hazard.
A safety data file conforming to the requirements of current E.U. legislation is available from your local trade consultant.