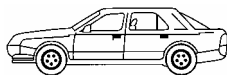




EXCELLIUM 5W-50



ELF EXCELLIUM 5W-50 is an ELF synthetic technology lubricant for Gasoline and Diesel car engines, and is particularly recommended for the most severe weather conditions.

APPLICATIONS

Gasoline and Diesel engines

- Intended for Gasoline and Diesel engines, with or without supercharging, in cars and light vans.

All times of year, particularly the most extreme seasons

- The viscosity grade 5W-50 permits use at any time of year and is particularly recommended in extreme weather conditions.

Refer to the maintenance book of your vehicle to know the recommendation of the manufacturer.

PERFORMANCES

International specifications

API: SG/CD

CUSTOMER BENEFITS

Optimum running in the most extreme temperatures

- Easy starting in both very cold and very hot weather.
- Excellent engine protection, particularly against wear in the timing system.
- Outstanding thermal stability and oxidation resistance, preventing any degradation even in heavy duty conditions.
- Immediate lubrication of engine parts during cold starts. Resulting in extended engine life.

CHARACTERISTICS

ELF EXCELLIUM 5W-50	Method	Units	SAE Grade 5W-50
Density at 15°C	ASTM D1298	kg/m ³	852
Viscosity at 40°C	ASTM D445	mm ² /s	115
Viscosity at 100°C	ASTM 445	mm ² /s	18,2
Viscosity Index	ASTM D2270	-	177
Pour Point	ASTM D97	°C	-40
Flash Point	ASTM D92	°C	220
B.N.	ASTM D2896	mgKOH/g	8,5

The typical characteristics mentioned represent mean values

TOTAL LUBRIFIANTS
16, rue de la République
92800 PUTEAUX
1/1

Elf Excellium 5W-50
Version March 05
MGP/03/05



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 EC legislation is available from your local trade consultant.