



A brand of **TOTAL**

# EVOLUTION FULL-TECH MSX 5W-30



**Very high performance lubricant using ELF synthetic technology, intended for lubricating all Gasoline and Diesel car engines. Specially formulated to ensure compatibility with post-treatment systems.**



## UTILISATIONS

**All Gasoline and Diesel engines, particularly those of recent technology**

- Recommended for all recent engines, multivalve, and turbocharged, direct injection, with or without catalytic converter.

**The most severe journeys**

- Particularly adapted to recent Mercedes-Benz, BMW vehicles equipped with a post-treatment system. Adapted to VW motors with direct injections. Especially adapted to VW direct injection system.

**« Vigorous » driving, all times of year**

- Suitable for all journeys (in town, on highways, or motorways) and particularly in severe conditions.
- For all driving styles, particularly « vigorous » and high speeds.

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

## PERFORMANCES

**International Classifications**

ACEA C3 / API SN plus/CF

**Manufacturer specifications**

GM	Dexos2™
BMW	BMW LL-04
MERCEDES BENZ	MB Approval 229.52
CHRYSLER	Meets the requirements of MS-11106
VOLKSWAGEN	Suitable for applications requiring the specification VW 505.01
Suitable for KIA	

## AVANTAGES CLIENTS

**Multi-OEM profile**

- Suitable for most recent engines of numerous OEMs.

**A better environment protection**

- Enables the optimization of post-treatment that enables high reduction of pollutant emissions, thanks to low rates of sulfur, ashes and phosphorus (low SAPs).

**Extended oil change intervals**

- Meets the most demanding OEMs requirements enabling very extended oil change intervals (20000 to 40000 km), thanks to an outstanding oxidation resistance.

**Excellent engine protection and cleanliness**

- Gives the engine an excellent wear protection, thanks to its very solid additive package.
- Ensures maximum engine cleanliness, thanks to very good detergent and dispersion properties.

## CHARACTERISTICS

	Method	Units	SAE Grade 5W-30
Viscosity at 40°C	ASTM D445	mm <sup>2</sup> /s	69
Viscosity at 100°C	ASTM 445	mm <sup>2</sup> /s	12
Viscosity index	ASTM D2270	-	171
Pour point	ASTM D97	°C	- 36
Flash point	ASTM D92	°C	230

Les valeurs des caractéristiques figurant dans ce tableau sont des valeurs typiques données à titre indicatif

TOTAL LUBRIFIANTS  
562 avenue du parc de l'île  
92029 Nanterre  
1/1

**EVOLUTION FULL-TECH MSX 5W-30**  
Mise à jour de cette fiche : 02/2019



Ce lubrifiant utilisé selon nos recommandations et pour l'application pour laquelle il est prévu ne présente pas de risque particulier. Une fiche de données de sécurité conforme à la législation en vigueur dans la C.E. est disponible auprès de votre conseiller commercial.