



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

Spécifications internationales

ACEA C3

API SN/CF

Homologations constructeurs

VOLKSVAGEN

VW 502.00/505.01

GM

Dexos2™

BMW

BMW LL-04

MERCEDES BENZ

MB Approval 229.51 (Backward compatible to MB-approval 229.31)

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 ² /s | 69 |
| Viscosity at 100°C | ASTM 445 | mm ² /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
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Mise à jour de cette fiche : 02/2014



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.