



# MAGMA SYN DXS



## DESCRIPTION

Magma SYN DXS 5W-30 is a top tier fully synthetic lubricant specially developed for gasoline & diesel Euro 5 and 6 vehicles with diesel particulate filters (DPF), direct injection (DI) turbocharger engines. The TriboACT® Formula inside delivers exceptional performance, demonstrated through strong results in leading OEM Industry testing, such as 2.5 % fuel economy savings. The low content in sulphated ash, phosphorus & sulphur prevents the damage of exhaust after-treatment devices. Extended testing shows powerful ageing resistance even in case of biodiesel dilution. The oil has been specially designed to exceed the performance requirements of leading car OEMs such as Daimler and Opel. It is approved by Opel for its dexos2™ specification, Mercedes-Benz 229.52 & 229.51.

## APPLICATIONS

Magma SYN DXS is intended for use in numerous OEMs such as Mercedes Benz, Opel, FIAT, Hyundai/KIA, SsangYong, Suzuki that command for an ACEA C3 or C2 lubricant, in particular for diesel units with DPF. It is also approved by VW for its 505.01 specification for highly-demanding engines equipped with pump injector units (Pumpe Düse-PD). It can deliver excellent performance and long drain interval characteristics in modern passenger cars, taxis, SUVs, and light duty vans that are powered by gasoline or turbocharged direct injection diesel engines with/without PD units or/and DPF. MAGMA SYN DXS SAE 5W-30 is backwards compatible meeting the requirements of Euro 2, 3, 4 and 5 engines.

## CHARACTERISTICS-BENEFITS

CHARACTERISTICS	BENEFITS
100% synthetic oil.	Lower fuel and oil consumption; exceptional protection against start-up wear.
TriboACT® Formula inside.	Outstanding performance reserves for extended service intervals.
Low friction coefficient.	Fuel savings up to 2.5%.
Effective prevention against soot accumulation and sludge formation.	Superior engine cleanliness.

## PHYSICAL-CHEMICAL CHARACTERISTICS

MAGMA SYN DXS	METHOD	5W-30
Density at 15°C, g/cm <sup>3</sup>	ASTM D1298	0,853
Dynamic Viscosity, cP	ASTM D5293	-30°C/6250
Viscosity, Kinematic (cSt) 100 <sup>0</sup> C	ASTM D445	11.9
Viscosity, Kinematic (cSt) 40 <sup>0</sup> C	ASTM D445	68.9
Viscosity index	ASTM D2270	170
Flash point, COC, °C	ASTM D92	230
Pour point, °C	ASTM D97	-36
TBN, mgKOH/g	ASTM D 2896	7,2

The abovementioned characteristics represent mean values.

## SPECIFICATIONS

API SN, CF; ACEA C2, C3; MB 229.51, MB; Opel-Vauxhall OV0401547; GM dexos2™; VW 505.00/505.01  
Level: VW 502.00

## APPROVALS

API SN; MB-Approval 229.51, MB-Approval 229.52; GM dexos2™ (License No.: D20280HC162), VW 505.00/505.01