



# MAGMA

## PRO DXS



### DESCRIPTION

MAGMA PRO DXS 5W30 is a top tier, midSAPS lubricant specifically developed for Euro 6 and 5 (and even older Euro 4, 3, 2) generation gasoline & direct injection (DI) turbocharger engines with diesel particulate filters (DPF). It is designed to provide extra antiwear protection in new engine units that operate with tighter tolerances, requiring a high level of protection and low viscosity oils. The low content in 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 Mercedes-Benz and GM/Opel/Vauxhall.

### APPLICATIONS

MAGMA PRO DXS 5W30 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 its superior aftertreatment systems (i.e., DPF) compatibility, or for 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.

### CHARACTERISTICS - BENEFITS

CHARACTERISTICS	BENEFITS
Premium low viscosity PCMO.	Lower fuel and oil consumption; exceptional protection against start-up wear.
Low friction coefficient for significantly reduced friction.	Increased fuel savings.
Outstanding piston cleanliness and deposit control.	Excellent sludge control – preventing oil starvation and potential engine failure.

### PHYSICAL- CHEMICAL CHARACTERISTICS

MAGMA PRO DXS	METHOD	SAE 5W-30
Density at 15°C, g/cm <sup>3</sup>	ASTM D1298	0.852
Dynamic viscosity, °C/cP	ASTM D5293	-30°C/6,260
Viscosity, Kinematic (cSt) 100 <sup>0</sup> C	ASTM D445	11.8
Viscosity, Kinematic (cSt) 40 <sup>0</sup> C	ASTM D445	70.1
Viscosity index	ASTM D2270	166
Flash point, COC, °C	ASTM D92	230
Pour point, °C	ASTM D97	-36
TBN, mgKOH/g	ASTM D2896	8.1
HTHS Viscosity @150 <sup>0</sup> C, cp	ASTM D4683	3.52

The abovementioned characteristics represent mean values.

### PERFORMANCE LEVEL

API SP, SN Plus, SN, SM, SL; ACEA C3-21, C2-21.

Performance Level: VW 505.01, VW 505.00; MB 229.52, MB 229.51; GM dexos2™; BMW LongLife-04