



MAGMA

SYN TDi



DESCRIPTION

MAGMA SYN TDi is a fully synthetic lubricant specially developed for gasoline & diesel Euro 5 and 6 vehicles with diesel particulate filters (DPF). The TriboACT® Formula technology delivers exceptional performance, demonstrated through strong results in leading OEM Industry testing, such as fuel economy benefits of up to 2.0%. It exceeds the performance requirements of the latest low emission, extended drain interval oil specifications of leading car OEMs.

APPLICATIONS

MAGMA SYN TDi is intended for use in demanding engines equipped with pump injector units (Pumpe Düse-PD), where VW's 505.01 specification is required. It is a top-tier product that 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. It can be used in latest modern GM, MB, and BMW gasoline and diesel powertrains for long-life technology, ultimate protection.

CHARACTERISTICS - BENEFITS

CHARACTERISTICS	BENEFITS
Fully synthetic oil.	Enhanced oxidation stability; low oil consumption; resistance to viscosity increase during extended drains intervals; high shear stability.
LowSAPS.	Maximization of DPF and TWC service life.
Low viscosity, rapid oil flow and low friction.	Fuel efficiency up to 2,0%; easier cold start.
TriboACT® Formula inside.	Minimises deposits formation; superior engine cleanliness; increased wear protection.

PHYSICAL- CHEMICAL CHARACTERISTICS

MAGMA SYN TDi	METHOD	SAE 5W-40
Density at 15°C, g/cm ³	ASTM D1298	0.853
Dynamic viscosity, °C/cP	ASTM D5293	-30°C/5,250
Viscosity, Kinematic (cSt) 100°C	ASTM D445	13.7
Viscosity, Kinematic (cSt) 40°C	ASTM D445	80.5
Viscosity index	ASTM D2270	174
Flash point, COC, °C	ASTM D92	226
Pour point, °C	ASTM D97	-36
TBN, mgKOH/g	ASTM D2896	6.76
HTHS Viscosity @150°C, cp	ASTM D4683	3.74

The abovementioned characteristics represent mean values.

SPECIFICATIONS

API SP, SN, CF; ACEA C3-23; MB 229.52, MB 229.31.
Performance Level: VW 505.00/505.01; Fiat 9.55535-S2

APPROVALS

API SN; MB-Approval 229.51