



# MAGMA

## SYN V/FE



### DESCRIPTION

CYCLON MAGMA SYN V/FE 0W-20 is a top-tier, fully synthetic, low viscosity, high fuel economy motor oil engineered with TriboACT® Formula. It offers maximum performance and wear protection under the most extreme service conditions. Due to its 100% synthetic nature and advanced, midSAPS additive chemistry, it will retain its rheological characteristics and offer superior performance and protection to specific new, fuel-efficient gasoline- & diesel-powered engine units with emission after-treatment technologies designed by VW Group.

### APPLICATIONS

MAGMA SYN V/FE SAE 0W-20 with TriboACT® Formula is a long life, midSAPS lubricant specifically intended for the latest generation direct/indirect injection gasoline (with particulate filter GPF), direct injection diesel and all diesel units with particulate filter (DPF), specifically designed to meet the latest, very strict VW 508.00/509.00 oil specs. It demonstrates real-world performance and improved fuel efficiency to meet tightening CO<sub>2</sub> emissions legislation. It is particularly recommended for high-trending downsized engine units as it will flow easily, help deliver quick starts and boosted fuel economy benefits. Equally importantly, its incorporated additive chemistry is set to decrease the frequency of low-speed pre-ignition (LSPI) effects.

MAGMA SYN V/FE is a highly fuel-efficient SAE 0W20 oil that can be used as a service-fill fluid in many gasoline-/diesel-/CNG-/hybrid-powered Audi, VW, Škoda, SEAT and, also, Porsche models, including those that run on B20 biodiesel blends (6-20% biodiesel), low ethanol E25 fuels (25% ethanol-75% gasoline), CNG (up to 100% biomethane) with petrol as a back-up drive (e.g. AUDI g-tron models), as well as in mild hybrid (diesel-/gasoline-electric) architectures (e.g., VW eTSI units). It is, equally, suitable for any passenger car requiring a top-tier, low HTHS viscosity ACEA C5 quality level engine oil.

### CHARACTERISTICS-BENEFITS

CHARACTERISTICS	BENEFITS
100% fully synthetic oil with TriboACT® Formula.	Unsurpassed wear and deposits protection.
Exceptional low temperature performance.	Easier cold-starts, faster oil flow, quicker lubrication.
Low viscosity oil to VW 508.00/509.00 requirements.	Advanced midSAPS, fuel economy & long-life performance.
Low evaporation loss formulation.	Lowered oil consumption and hence less frequent top-ups.
Advanced additive chemistry.	Minimizes LSPI effects.

### PHYSICAL-CHEMICAL CHARACTERISTICS

MAGMA SYN V/FE	METHOD	SAE 0W-20
Density at 15°C, g/cm <sup>3</sup>	ASTM D1298	0.834
Viscosity, HTHS @150 °C, cP	ASTM D4683	2.7
Viscosity, Dynamic (CCS) @-35 °C, cP	ASTM D5293	4,100
Viscosity, Kinematic @100°C, cSt	ASTM D445	8.0
Viscosity, Kinematic @40°C, cSt	ASTM D445	40.4
Viscosity index	ASTM D2270	175
NOACK Volatility loss, %	ASTM D5800	10.4
Flash point, COC, °C	ASTM D92	202
Pour point, °C	ASTM D97	-54
TBN, mgKOH/g	ASTM D2896	8.4
Sulphated ash	ASTM D874	0.79

The abovementioned characteristics represent mean values.

### SPECIFICATIONS

ACEA C5; VW 508.00, VW 509.00, VW TL 52577; Porsche C20  
Level: ACEA A1/B1

### APPROVALS

VW 508.00, VW 509.00