



# MAGMA EXTRA



## DESCRIPTION

High performance engine lubricants, suitable for use in a wide range of gasoline engines in a variety of applications. They are produced according to the latest technological requirements and ensure perfect lubrication and wear protection.

## APPLICATIONS

MAGMA EXTRA series is suitable for use in Euro 1, 2, 3 generation gasoline engines under normal operating conditions, providing cost efficiency and a high quality lubrication solution. An ideal selection for previous generation N. American and Asian models.

## CHARACTERISTICS-BENEFITS

CHARACTERISTICS	BENEFITS
Multigrade oils.	Excellent low temperature properties in very low ambient temperature conditions.
Stay-in-grade, excellent shear stability.	Reduced oil consumption and wear protection.
Wide range performance.	Reduced inventory cost.
Enhanced thermal and oxidative stability.	Reduced sludge build-up, deposits and viscosity increase.
Improved dispersancy properties.	Cleaner engines and longer component life particularly in high load and stop and go driving.

## PHYSICAL-CHEMICAL CHARACTERISTICS

MAGMA EXTRA	METHOD	SAE 15W-40	SAE 20W-50
Density at 15°C, g/cm <sup>3</sup>	ASTM D1298	0,872	0,880
Dynamic viscosity, °C/cp	ASTM D5293	-20/6300	-15/8000
Viscosity, Kinematic (cSt) 100°C	ASTM D445	14,5	19,2
Viscosity, Kinematic (cSt) 40°C	ASTM D445	103	176
Viscosity index	ASTM D2270	139	127
Flash point, COC, °C	ASTM D92	228	234
Pour point, °C	ASTM D97	-27	-24
TBN, mgrKOH/gr	ASTM D2896	6,5	-6,5

The above mentioned characteristics represent mean values.

## SPECIFICATIONS

API SJ, CF; ACEA A2/B2