GI-V9

**100 % SYNTHETIC REINFORCED PROTECTION LUBRICANT
FOR ALL CAR ENGINES**

120019/03.20
Rev. 4

DESCRIPTION & APPLICATIONS

GI-V9 is a very high performance multigrade lubricant, covering a large range of viscosities and temperatures ensuring a high anti-wear protection as well as a reduction of inner frictions.

GI-V9 is particularly recommended for the lubrication of most modern car engines (petrol or Diesel, atmospheric, turbocharged or multivalve engines) working with any kind of fuel and under any condition : racing, sedan car, motorway, road and door to door driving.

Molybdenum is a polar additive, which fixes itself on lubricated metallic parts and which allows to reduce from 15 to 50% the friction coefficient of parts in contact. You will take advantage of this benefit at each start of your engine. Moreover, this additive allows to reduce the sulphur and phosphorus contents of the oil, while obtaining the same performances: it is then an advantage for the longevity of particles and NOx traps, sensitive to these elements.

Bismuth is an additive which optimizes the action of sulphur contained in oil and which improves the anti-wear performances of the lubricant to 14%.

ADVANTAGES

- Very high fluidity at low temperatures, ensuring the formation of a protecting oil film in every part of the circuit, even in the most remote parts like the oil pump. This is a very important characteristic, as a great deal of wear appears when starting from cold.

- Thermal stability and resistance to oxidation, superior to those of classical oils, preserving high performances of lubrication during long periods, for example, the most mileage recommended by the constructors between oil changes.

- Low volatility, ensuring the minimum consumption of oil for the right engine performance and still caring for the environment

- GI-V9 also presents other advantages, thanks to its special additives based on molybdenum and bismuth.

- Molybdenum additivated, even reduces the friction with parts that contact.

- Bismuth additive optimizes the anti-wear performance.

PERFORMANCES

Satisfies to the following specifications:

ACEA A3/B4-12
API SL/CF
MB 229.1
VW 502.00/505.00

GI-V9

ENVIRONMENT, HEALTH & SAFETY

Please consult also the Safety Data Sheet about how to manipulate and to stock the product as well as to learn about the first aid measurements in case of accident.

Elimination after use must be made in conformity with the local rules in force about used oils disposal.
When needed, Safety Data Sheet can be obtained upon request.

Conservation of the product: 3 year(s) in closed container and sheltered.

PROPERTIES

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA
SAE grade	-	-	5W50
Color	-	-	Green
Specific gravity at 15°C	kg/m³	NFT 60101	852
Kinematic viscosity at -40°C	mm²/s (cSt)	NFT 60100	111,5
Kinematic viscosity at 100°C	mm²/s (cSt)	NFT 60100	17,3
Viscosity index	-	NFT 60136	171
Viscosity CCS at -30°C	mPa.s	ASTM D2602	6100
Noack evaporation loss	% wheight	CEC-L-40-T-87	8,7
Sulphated ash content	% wheight	NF T 60143	1,03
Pour point	°C	NFT 60105	-33
Flash point	°C	NFT 60118	210
TBN (Total Base Number)	mg KOH/g	ASTM D 2896	8
Product number	-	-	120019

The average values are given for information only.