



## OPALPERF GI-V5 15W50

HIGH PERFORMANCE LUBRICANT FOR ALL CAR ENGINES



## LIGHT VEHICLES RANGE

ENGINE  
MINERAL  
SAE 15W-50

Mineral

Semi-  
synthetic100%  
synthetic

## STANDARDS AND SPECIFICATIONS

ACEA A2/B2-02  
API SJ/CF  
MB 229.1  
VW 505.00

Engine cleanliness

Oxidation resistance

Shear stability



## APPLICATIONS

OPALPERF GI-V5 15W50 has been elaborated to meet the requirements of petrol and Diesel engines, atmospheric or turbo charged, for our modern cars.

## BENEFITS

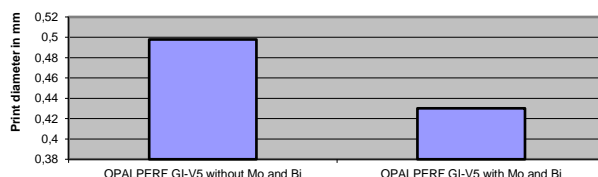
The regular use of OPALPERF GI-V5 15W50 in engines having a tendency of consuming too much oil allows reducing noticeably this phenomenon.

But, OPALPERF GI-V5 15W50 also presents other advantages, thanks to its special additives based on molybdenum and bismuth.

**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 reducing 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%** (see test below).

4 ball wear test (ASTM D 4172)



## PERFORMANCES

## PERFORMANCE LEVELS

ACEA A2/B2-02  
API SL/CFMB 229.1  
VW 505.00



## CHARACTERISTICS

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA
SAE grade	-	-	<b>15W-50</b>
Colour	-	Visual	Green
Specific gravity at 15°C	kg/m <sup>3</sup>	NF T 60-101	873
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	NF T 60-100	138,7
Kinematic viscosity at 100°C	mm <sup>2</sup> /s	NF T 60-100	18,4
Viscosity index	-	NF T 60-136	150
Pour point	°C	NF T 60-105	-39
Flash point	°C	NF T 60-118	220
CCS viscosity at -20°C	mPa.s	ASTM D 5293	5 400
TBN	mg KOH/g	ASTM D 2896	10,0

*This typical data is given for information only*

## HEALTH, SAFETY AND ENVIRONMENT

Elimination must be carried out to conform to the rules set for the disposal of used lubricants.

**Must be stored away from bad weather.**

Should you need further details, our Technical Department remains at your entire disposal.