

# GI-V TR

REINFORCED PROTECTION OIL FOR DIESEL AND PETROL ENGINES

120091/01.18

Rev. 0

## DESCRIPTION & APPLICATIONS

GI-V TR has been elaborated to answer the needs of diesel engines, turbo charged or not, for trucks, tractors and civil engineering equipments.

GI-V TR can also be used in mixed transport fleets, that is to say for petrol and diesel vehicles, within the limits of the manufacturers' requirements (non advised for example for turbo diesel engines with direct injection, such as Hdi engines).

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

- Allows drain periods up to 20 000 / 30 000 km, according to the manufacturers, for long distance road-transport or to 300 hours intensive use in public works.
- The regular use of GI-V TR in engines having a tendency of consuming oil, allows reducing noticeably this phenomenon.

## PERFORMANCES

Satisfies to the following specifications:

ACEA E2/A2/B2-12

API CE/CF4/SG

Volvo VDS

MB 228.1

MAN 271

# GI-V TR

## 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	-	-	15W50
Color	-	-	Green
Specific gravity at 15°C	kg/m <sup>3</sup>	NFT 60101	880
Kinematic viscosity at 40°C	mm <sup>2</sup> /s (cSt)	NFT 60100	125
Kinematic viscosity at 100°C	mm <sup>2</sup> /s (cSt)	NFT 60100	17
Viscosity index	-	NFT 60136	146
Dynamic viscosity at -20°C	mPa.s	ASTM D2602	6200
Flash point	°C	NFT 60118	228
Pour point	°C	NFT 60105	-33
TBN (Total Base Number)	mg KOH/g	ASTM D 2896	8,7

*The average values are given for information only.*