

# KAPPA TURBO DI 15W-40



*High performance oil for diesel engines.*

## APPLICATIONS

- Diesel engine oil of trucks when a rationalization is required.
- Perfectly adapted to all the current engines: turbo or not, multi-air valves,
- Is also convenient for all the gasoline engines (with lead or unleaded) in the most varied conditions.

## PERFORMANCES

### Specifications

ACEA E2  
API CG-4/CF/SJ

### OEMs' approvals

MERCEDES-BENZ MB-Approval 228.1  
MAN MAN 271  
VOLVO VDS  
CAT TO-2

## CUSTOMER BENEFITS

### Very high technical performances

- Excellent protection against wear guaranteeing a long life of the engine,
- Excellent cleanliness of the warm parts
- Adaptation to the big temperature variations,
- Big reserve of performances allowing extended drain intervals,
- Miscible with all the oil engine of the market.

## CHARACTERISTICS

KAPPA TURBO DI 15W-40	Units	SAE Grade 15W-40
Volumetric mass at 20°C	kg/m <sup>3</sup>	880
Viscosity at 40°C	mm <sup>2</sup> /s	106
Viscosity at 100°C	mm <sup>2</sup> /s	14.3
Flash point	°C	209
Pour Point	°C	-30
Viscosity index	-	137

The typical characteristics mentioned represent mean values.

TOTAL LUBRIFIANTS  
16, rue de la République  
F- 92800 PUTEAUX  
1/1

KAPPA TURBO DI 15W-40  
July 2000  
N° MPR/07/00



This lubricant used in accordance with our recommendations and for the application for which it is intended does not represent a special hazard. A safety data file conforming to the requirements of current E.U. legislation is available from your local trade consultant.