

**eni i-Base ID** is general purpose oil of every type of engine where the manufacturer recommends a multigrade oil or when the operator prefers to use only one grade throughout the year. It is suitable for spark-ignition and car diesel engines even when operating under the severest conditions involving, for instance, high-temperature motorway driving or low-temperature stop-go or taxi-service driving in towns.

## CHARACTERISTICS (TYPICAL FIGURES)

### Eni i-Base ID

SAE Grade		15W-40	20W50
Appearance	-	B & C	B & C
Density at 15°C	kg/L	0.875	0.880
Viscosity at 100°C	cSt	106.4	163.1
Viscosity at 40°C	cSt	14.8	18.8
Viscosity at -20°C	cP	5430	5500
Viscosity Index	-	145	130
Flash Point COC	°C	230	240
Pour Point	°C	-27	-24

## PROPERTIES AND PERFORMANCE

- **eni i-Base ID** has an extremely high Viscosity Index which keeps it free-flowing when cold and maintains high viscosity when hot. The same grade of lubricant can therefore be used in all seasons.
- Its superior detergent-dispersant properties effectively minimize the formation of lacquer and varnish, as well as other deposits, definitely avoiding the formation of the so called "black sludge".
- **eni i-Base ID** is highly resistant to deterioration especially that caused by oxidation due to prolonged high-temperature operation in the presence of air and other agents.
- It has special anticorrosion properties which afford effective protection against corrosion by combustion moisture and acids.
- Its antiwear properties ensure long life for all moving parts, substantially reducing the need for engine servicing and overhauls.
- Its antifoam properties prevent the formation of air bubbles which could affect lubricant film continuity.
- Its special formulation ensures superior performance without the need for a high percentage of organo-metallic additives. This reduces combustion chamber deposits, thus lessening the danger of preignition, while effectively containing the rise in the octane requirement after prolonged engine operation.

## SPECIFICATIONS

**eni i-Base ID** meets requirements of the following services and specifications:

- API SL/CF