



## APPLICATIONS

**Eni i-Sint Super 5W-40** is a high performance fully synthetic lubricant designed to meet the requirements of advanced-technology cars and light commercial vehicles equipped with gasoline or Diesel engines.

## CUSTOMER ADVANTAGES

- **Eni i-Sint Super 5W-40** is characterized by a low volatility that contributes to limiting engine oil consumption.
- **Eni i-Sint Super 5W-40** maintains an ideal viscosity in a wide range of engine operating conditions, reduces friction losses, resulting in fuel saving and reduced CO2 emissions.
- The components included in the formulation have the ability to adhere to metal surfaces, even for extended engine stop periods, facilitating starting and limiting the wear phenomena.
- Thanks to its formulation, **Eni i-Sint Super 5W-40** helps to minimize the formation of deposits and to ensure effective protection of mechanical components.
- The thermo-oxidative properties give the product resistance to deterioration in operation, in conditions of prolonged exposure to high temperatures in the presence of air and other agents.

## SPECIFICATIONS

- API SP





## CHARACTERISTICS

| Properties         | Method      | Unit               | Typical |
|--------------------|-------------|--------------------|---------|
| Colour             | ASTM D 1500 | -                  | L3.5    |
| Density at 15°C    | ASTM D 4052 | kg/dm <sup>3</sup> | 0.854   |
| Viscosity at 100°C | ASTM D 445  | mm <sup>2</sup> /s | 13.6    |
| Viscosity at 40°C  | ASTM D 445  | mm <sup>2</sup> /s | 82.3    |
| Viscosity Index    | ASTM D 2270 | -                  | 170     |
| Viscosity at -30°C | ASTM D 5293 | mPa·s              | 5370    |
| Flash point COC    | ASTM D 92   | °C                 | 248     |
| Pour point         | ASTM D 6749 | °C                 | -39     |
| Calcium            | ASTM D 4951 | % (m/m)            | 0.118   |
| Zinc               | ASTM D 4951 | % (m/m)            | 0.080   |
| Phosphorus         | ASTM D 4951 | % (m/m)            | 0.072   |
| Molybdenum         | ASTM D 4951 | ppm                | 78      |
| B. N.              | ASTM D 2896 | mg KOH/g           | 7.7     |

