



## APPLICATIONS

**Eni PUNICA 540 SAE 50** is a cylinder lubricant formulated with high quality base stocks, designed to lubricate and protect the pistons, piston rings and cylinder liners from the harmful effects of combustion by products. Furthermore, it allows the formation of a suitable oil film between piston rings and cylinder liners of low speed two-stroke crosshead engines fuelled with low sulphur residual fuel.

## CUSTOMER ADVANTAGES

- **Eni PUNICA 540 SAE 50** is a cylinder lubricant with an alkaline reserve suitable to efficiently prevent acidic corrosion that may occur on the cylinder liners when use fuels with a low sulphur content.
- The peculiar additives used in the product ensure the neutralization of the acidic condensates deriving from the combustion process, in order to prevent the corrosive phenomena.
- The high thermal stability of **Eni PUNICA 540 SAE 50** ensures optimum lubrication even in the largest bore engines operating at the highest mean effective pressures.
- The very high detergent and dispersant characteristics of the product prevent a build-up of carbon deposits in the piston ring grooves, which can lead to ring sticking or breakage.
- **Eni PUNICA 540 SAE 50** is able to form a stable oil film and spread uniformly over the cylinder liner surface. These properties ensures a suitable lubrication between piston rings and cylinder liners and protects against abrasive wear, which lead to a reduction in maintenance and related costs.





## CHARACTERISTICS

Properties	Method	Unit	Typical
Density at 15°C	ASTM D 4052	kg/m <sup>3</sup>	921
Viscosity at 100°C	ASTM D 445	mm <sup>2</sup> /s	19.5
Viscosity at 40°C	ASTM D 445	mm <sup>2</sup> /s	225
Viscosity Index	ASTM D 2270	-	98
Flash point (COC)	ASTM D 92	°C	264
B. N.	ASTM D 2896	mg KOH/g	40

