



APPLICATIONS

Eni PUNICA 570 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 residual fuel.

CUSTOMER ADVANTAGES

- The product has an alkaline reserve suitable to efficiently prevent acidic corrosion that may occur on the cylinder liners when use fuels with a medium high sulphur content.
- The raw materials used in the additives of **Eni PUNICA 570 SAE 50** ensure the neutralization of the acidic condensates deriving from the combustion process, in order to prevent the corrosive phenomena.
- The high thermal stability of the product ensures optimum lubrication even in the largest bore engines operating at the highest mean effective pressures.
- The very high detergent and dispersant characteristics of **Eni PUNICA 570 SAE 50** prevent a build-up of carbon deposits in the piston ring grooves, which can lead to ring sticking or breakage.
- **Eni PUNICA 570 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 ³	930
Viscosity at 100°C	ASTM D 445	mm ² /s	19.0
Viscosity at 40°C	ASTM D 445	mm ² /s	200
Viscosity Index	ASTM D 2270	-	107
Flash point (COC)	ASTM D 92	°C	202
Pour point	ASTM D 97	°C	-12
B. N.	ASTM D 2896	mg KOH/g	70

