

eni Vas



eni VAS 460 is dark-coloured compounded mineral oils designed for lubrication of steam engine cylinders where condensate is not recovered.

eni VAS 900 is a straight mineral oil specifically designed for lubrication of cylinders of steam engines where condensate is recovered.

CHARACTERISTICS (TYPICAL FIGURES)

eni VAS

SAE Grade		460	900
Viscosity at 40°C	mm ² /s	461	900
Viscosity at 100°C	mm ² /s	31	43
Viscosity Index	-	95	86
Flash Point	°C	275	300
Pour Point	°C	-5	-5
Mass Density at 15°C	kg/l	0,901	0,928

PROPERTIES AND PERFORMANCE

- **eni VAS 460** contain a special component that imparts good oiliness thus increasing their lubricating properties while enabling them to emulsify small quantities of condensate water. In this way they provide wear and corrosion protection for metal surfaces exposed to moisture.
- **eni VAS 900** possesses a superior natural lubricating capability which ensures the formation of a good strong full-fluid lubricant film even under the operating conditions encountered in steam engine cylinders.
- In those engines where condensate is recovered the re-use of condensate water in the boiler requires immediate and complete separation of the oil entrained during the expansion phase at the steam discharge. For this reason the product has been given adequate demulsibility.
- **eni VAS** oils have a high flash point, so they can be employed in contact with machinery working at high temperatures, with a very limited fire hazard.

APPLICATIONS

eni VAS 460 cover the cylinder lubrication requirements of all open-circuit reciprocating steam engines.

eni VAS 900 covers the cylinder lubrication needs of all closed-circuit reciprocating steam engines and of machine parts in general exposed to steam or very humid conditions.
The products are suitable for lubricating slow worm gears.