



eni OPL 5

eni OPL 5 is a mineral cutting oil specially developed for lapping and honing of ferrous and aluminium alloys. The product can be used with micronized abrasive powder based on carbides.

CHARACTERISTICS (TYPICAL VALUES)

eni OPL 5

Aspect		Limpid liquid
Viscosity at 40°C	mm ² /s	4.3
Flash Point	°C	130
Pour Point	°C	-42
Density at 15°C	kg/m ³	810

PROPERTIES	ADVANTAGES
Free of chemically active additives.	Do not stain the worked metals.
It keeps easily in suspension the abrasive powders used for lapping operations.	The decanted powders are easily suspended with simple mechanical agitation.
Low tendency to form fumes and mists during processing.	The low mist and smoke formation tendency does not give rise to unpleasant smells; no foam. Reduced oil consumption and cleaner working environment.
Absence of chlorinated compounds.	Reducing disposal costs.

APPLICATIONS

eni OPL 5 is a special fluid for lapping and honing of metallic surfaces; it can be used with abrasive powders micronized. Recommended for the lapping of carbon sintered pieces performed with abrasive powders based on carbides (eg. Silicium carbide) and for operations on ferrous metals and aluminum alloys.

WARNING

For reasons of incompatibility and performance, it is recommended not to mix the product with cutting-fluids containing chlorine. In the event of topping up of different product, it is recommended to always perform laboratory compatibility testing.

The **eni** technical assistance service is available for technical support.