



APPLICATIONS

Eni ALNUS PF 612 is a chlorinated mineral oil enhanced with anti-friction and EP additives, moreover the product is suitable for marked lubricating and anti-adhesion actions for pressing, shearing and deep drawing operations.

Eni ALNUS PF 612 has special antirust and antioxidant additives that ensure good protective power on worked pieces and equipments.

The product is particularly suitable for deep drawing operations of stainless and alloys steel sheets.

CUSTOMER ADVANTAGES

- Fluid grade oil with additives lending high resistance to loads.
- Ensures excellent stability at high mechanical and thermal stresses, particularly suitable for deep-drawing operations.
- The product can be removed from the pieces either by hot alkaline solutions or by solvent.
- The product can be used neat or diluted with pale oil depending on the severity of the machining job.
- It's non corrosive to the materials with which it comes into contact, and it doesn't contain active sulphur.

CHARACTERISTICS

Properties	Method	Unit	Values		Typical
			Min	Max	
Density at 15°C	ASTM D 4052	kg/m ³		1160	1150
Viscosity at 40°C	ASTM D 445	mm ² /s	150.0	170.0	160.0
Flash point COC	ASTM D 92	°C	150		185
4 Balls weld load	ASTM D 2783	daN			850

