



PINISEF DD

Pinisef DD is ecological and user-safe **deep drawing oil**. It is natural and biodegradable product derived from tall oil.

Properties:

- Excellent antiwear properties
- Decrease considerable friction and wear in metals
- Good corrosion resistance
- Forms hydrophobic, non-volatilising film on metallic surfaces
- High viscosity-index
- High flashpoint and very good temperature resistance
- Good compatibility with paints, coating and seals
- Non-emulsifiable
- Contains no hazardous or classified ingredients

Composition:

Fatty acid ester with high viscosity and large molecular weight.

Technical properties:

Viscosity mm ² /s 40 °C	n.200
Viscosity- index	200-220
Flashpoint °C	>200
Pourpoint °C	0
Density g/cm ³ 20 °C	0,95
Four ball wear test	0.35
Biodegradability	Biodegradable

 **PINIFER**

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