



APPLICATIONS

Eni Tilia 32 is a "food grade" high performance hydraulic and multipurpose fluid, based on a careful blend of white pharmaceutical oil and antiwear, anticorrosive and antioxidant additives.

The product is recommended for the lubrication of hydraulic systems, plain or rolling bearings and conveyors presents in food and pharmaceutical industries, moreover especially indicated to lubricate the components of pneumatic system.

It is formulated exclusively with additives listed in the FDA Group 21 CFR 178.3570 and it is free of: genetically modified materials, animal derived materials, main allergens substances like nut oils, soya oils and dairy industry derivatives.

CUSTOMER ADVANTAGES

- Meets the requirements of the HACCP (Hazard Analysis and Critical Control Point) System thanks to NSF H1 (incidental contact with food) registration
- Suitable for applications operating in a wide range temperature thanks to high viscosity index
- Compatible with elastomers normally used in food machinery lubrication systems
- Prolongs lubricated component life of all moving parts of hydraulic circuits thanks to high antirust, anticorrosion and antiwear properties.
- Ensures good performance in a wide range of temperature thanks to a suitable cold behaviour and a good thermal-oxidative stability

SPECIFICATIONS - APPROVALS

- NSF H1 - n° 151320
- ISO 11158 HV
- DIN 51524-3 HVLP
- Kosher
- Halal





CHARACTERISTICS

Properties	Method	Unit	Typical
Appearance	-	-	Clear
Density at 15°C	ASTM D 1298	kg/m ³	860
Viscosity at 40°C	ASTM D 445	mm ² /s	32
Viscosity Index	ASTM D 2270	-	159
Flash point	ASTM D 93	°C	200
Pour point	ASTM D 97	°C	-15
Copper corrosion	ASTM D 130	-	1a
4 Balls wear	ASTM D 4172	mm	0.4

WARNINGS

- **Eni Tilia 32** should be stored apart from other lubricants, chemical substances and foodstuffs and out of direct sunlight or other heat sources. Store between 0°C and +40°C.



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