



APPLICATIONS

Eni Tilia C 100 is multipurpose “food grade” high performance oil specially developed for the lubrication of all types of air compressors (screw and vane, reciprocating compressors) used in the food, pharmaceutical and cosmetic industries.

Eni Tilia C 100 is suitable for the lubrication of vacuum pumps.

Eni Tilia C 100 is based on a careful blend of synthetic fluids and antiwear, anticorrosive and antioxidant additives.

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
- Ensures long drain intervals thanks to outstanding thermal-oxidative stability
- Suitable for applications operating in a wide range temperature thanks to very high viscosity index and outstanding cold behaviour
- Prolongs lubricated component life thanks to excellent antirust and anticorrosion properties
- Ensures effective protection and efficiency of lubricated components thanks to robust antiwear additive system
- Compatible with the elastomers normally used in food machinery lubrication systems

SPECIFICATIONS - APPROVALS

- NSF H1 - n° 151333
- ISO 6743/3 DAB
- DIN 51506-VDL
- ISO 6743/3 DAJ





CHARACTERISTICS

Properties	Method	Unit	Typical
Appearance	-	-	Clear
Density at 15°C	ASTM D 1298	kg/m ³	855
Viscosity at 40°C	ASTM D 445	mm ² /s	100
Viscosity Index	ASTM D 2270	-	140
Flash point (PM)	ASTM D 93	°C	> 250
Pour point	ASTM D 97	°C	< -30
4 Balls wear	ASTM D 4172	mm	< 0.5

WARNINGS

- **Eni Tilia C 100** should be stored from other lubricants, chemical substances and foodstuffs and out of direct sunlight or other heat sources. Store between 0°C and +40°C.

