



## APPLICATIONS

**Eni Tilia C 46** 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 46** 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° 151331
- 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 <sup>3</sup>	840
Viscosity at 40°C	ASTM D 445	mm <sup>2</sup> /s	46
Viscosity Index	ASTM D 2270	-	139
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 46** 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.

