



eni Tilia C

eni Tilia C are „food grade“ multipurpose high performance fluids for use in rotary screw and air compressors used in the food and pharmaceutical industries.

eni Tilia C are based on synthetic bases with a special combination of antiwear, anticorrosive and EP additives.

Characteristics (typical figures):

eni Tilia C	Unit	46	68	100	
Kin. Viscosity at	40°C	mm ² /s	48	66	100
	at 100°C	mm ² /s	8	10	13,9
Viscosity index		139	137	140	
Density at 15°C	kg/m ³	830	832	835	
Flashpoint, P.M.	°C	255	260	263	
Pourpoint	°C	-48	-45	-39	
Appearance		Clear liquid yellowish	Clear liquid yellowish	Clear liquid yellowish	

Properties and Performance:

eni Tilia C are **NSF H1 approved** and **registered** lubricants recommended for use where an incidental contact with food can occur.

The use of **NSF H1** registered lubricants is the most effective solution to meet the request of the **HACCP** (Hazard Analysis and Critical Control Point) system.

eni Tilia C are formulated exclusively with additives listed in the **FDA Group 21 CFR 178.3570** and they are free of:

- genetically modified materials
- main allergens substances like nut oils, soya oils, dairy industry derivatives
- animal derived materials

eni Tilia C have the following properties and characteristics:

- excellent oxidation stability
- outstanding antifoam properties
- very high viscosity index and thermal stability that result in minimum variation of viscosity with change in temperature
- good antirust and anticorrosion properties ensuring effective protection of all moving parts of the circuits

The excellent antiwear properties are demonstrated by the following test:

- 4 Ball wear: < 0,35 mm



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Applications:

eni Tilia C are recommended for the lubrication of all types of air compressors: crew and vane, reciprocating compressors used in the food, pharmaceutical and cosmetic industries.
eni Tilia C 100 is suitable for the lubrication of vacuum pumps.

Specifications:

eni Tilia C are **NSF H1** registered and the package reports the NSF symbol and registration number:

eni Tilia C 32: 151331
eni Tilia C 46: 151332
eni Tilia C 68: 151333

eni Tilia C are “**Kosher**” and “**Halal**” certified.

eni Tilia C meet the requirements of the following classifications:

eni Tilia C	46	68	100
for reciprocating air compressors			
ISO 6743/3 L-DAB	x	x	x
DIN 51506	x	x	x
for rotary air compressors			
ISO 6743/3 L-DAJ	x	x	x

eni Tilia C are produced in a plant certified **ISO 21469**.

NOTE:

All „food grade“ lubricants 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.