PRODUCT DATA SHEET

Eni E-Tilia C

APPLICATIONS

Eni E-Tilia C are "food grade" multipurpose high-performance fluids formulated with synthetic base oils (polyalphaolefin (PAO)) and a special combination of anti-wear, anti-corrosion and EP additives.

Eni E-Tilia C are recommended for the lubrication of all types of **air compressors**: screw and vane, reciprocating compressors used in the food, pharmaceutical and cosmetic industries. They are also suitable for the lubrication of **refrigeration compressors** working with ammonia, CO_2 and traditional freons.

Eni E-Tilia C 46 is also suitable to be used in **hydraulic systems**.
Eni E-Tilia C 100 is recommended for lubrication of **gears**, **vacuum pumps** and **blowers**.

CUSTOMER ADVANTAGES

Eni E-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 E-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 oil, soya oil, dairy industry derivatives
- animal derived materials

Eni E-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
- excellent antiwear properties

Eni E-Tilia C are compatible with the elastomers normally used in food machinery lubrication systems.

Nonfood Compounds Program Listed H1
nº 170779
nº 170780

EXP: IH-1136/5.2/B/131/3
EXP: IH-1136/5.2/B/131/4
Customer service line: +34 957634071

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SPECIFICATIONS

Eni E-Tilia C are produced in a plant certified **ISO 21469.**

Eni E-Tilia C meet the requirements of the following classifications:
Reciprocating and rotary air compressors,
ISO 6743/3 L-DAB/ DAJ
DIN 51506 VDL

Eni E-Tilia C are **NSF H1** registered, and the package reports the NSF symbol and registration number:
Eni E-Tilia C 46: **n° 170779**
Eni E-Tilia C 100: **n° 170780**

Eni E-Tilia C is certified by **Instituto Halal**, licence number IH-1136/5.2/B/131:
Eni E-Tilia C 46: **IH-1136/5.2/B/131/3**
Eni E-Tilia C 100: **IH-1136/5.2/B/131/4**

CHARACTERISTICS (Typical Figures)

Eni E-Tilia C		**46**	**100**
	Unit	**Value**	**Value**
Aspect		clear	clear
Density a 15 °C	g/cm^3	0,835	0,841
Grado de viscosidad		ISO VG 46	ISO VG 100
Viscosity a 40 °C	mm²/s	46	100
Viscosity a 100 °C	mm²/s	7,0	13,5
Viscosity index		140	140
Flash point COC	°C	240	240
Pour point	°C	-40	-42
4 balls machine Ø scar (1min/80 kg)	mm	<0,60	<0,60

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.