

Eni E-Tilia



APPLICATIONS

Eni E-Tilia are "food grade" high performance hydraulic and multipurpose fluids.

Eni E-Tilia are based on a careful blend of white pharmaceutical oil and antiwear, anticorrosive and antioxidant additives.

Eni E-Tilia are recommended for the lubrication of hydraulic systems, plain or rolling bearings presents in food and pharmaceutical industries.

CUSTOMER ADVANTAGES

Eni E-Tilia 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 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 E-Tilia have the following properties and characteristics:

- very high viscosity index that results in minimum variation of viscosity with change in temperature
- good cold behaviour and thermal-oxidative stability ensuring good performance in a wide range of temperature
- very high antirust, anticorrosion and antiwear properties ensuring effective protection, efficiency and long life of all moving parts of hydraulic circuits
- outstanding anti-wear properties

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

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SPECIFICATIONS

Eni E-Tilia are **NSF H1** registered, and the package reports the NSF symbol and registration number:

Eni E-Tilia 46: n° **170774**

Eni E-Tilia 68: n° **170775**

Eni E-Tilia meet the requirements of the following specification:

ISO 6743/4 L-HM

DIN 51524 Parte 2 HLP

AFNOR NF ISO 11158-HM

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

CHARACTERISTICS (Typical Figures)

Eni Tilia		46	68
	Unit	Value	Value
Aspect		clear	clear
Density at 15 °C	g/cm ³	0,865	0,867
Viscosity grade		ISO VG 46	ISO VG 68
Viscosity at 40 °C	cSt	46,0	68,0
Viscosity at 100 °C	cSt	6,5	8,7
Viscosity index		100	100
Flash point, COC	°C	210	210
Pour point	°C	-12	-12
Copper corrosion 3h/100°C		1b máx.	1b máx.

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.