

Chain oils

The oils used for lubrication of chains must ensure easy penetration into pins/bushes, providing good grip without any dripping. Such lubricants must create a strong lubricant film, resistant to loads, low tendency to leave residues also when operating at high temperatures and must ensure high resistance to corrosion and water washout.

A new product line has been specifically developed for the food industries.

Mineral and synthetic oils

Product	Description	Viscosity ISO VG	Classifications and specifications
Arum HT	Characteristics: oil based on esters with high thermo-oxidative resistance. Applications: chains and others components operating at high temperature. Suitable for gears and bearings.	220	ISO 12925-1 CKS DIN 51502 CLP-E
Arum ESX	Characteristics: oil based on esters with excellent thermo-oxidative resistance. Applications: chains of industrial furnaces and presses for wood fiber panels operating at high speeds and very high temperatures (up to 260°C). Bearing and gears operating at very high temperatures.	220	
Chainsaw oil	Characteristics: mineral oil with greasing properties that ensure a good lubricant film, also in severe operating conditions. Applications: manual or automatic lubrication of chainsaws.	100	
Eco Lube MS	Characteristics: oil based on biodegradable esters. Applications: manual or automatic lubrication of chainsaws.	46	

Food grade oils



Product	Description	Viscosity ISO VG	Classifications and specifications
Myrtus HT	Characteristics: fully synthetic oils with tackifying, antiwear, anticorrosive and antioxidant additives. Applications: chains, conveyor belts, bearings, slideways. Recommended for applications in wet environments, in presence of water and vapour. Temperature operating range: -25/+180°C.	150, 220, 320	NSF H1 Halal Kosher
Myrtus TSX 320	Characteristics: oil based on esters and antiwear, anticorrosive and antioxidant additives. Outstanding thermo-oxidative stability. Applications: chains and conveyor belts of ovens and dryers confectionery, bakery products, for air sterilization and food homogenization. Temperature operating range: -15/+250°C.	320	NSF H1 Halal Kosher

Heat transfer oils



The heating technique of solids, liquids or gases in industrial systems is of indirect type. This technique involves the use of a thermal carrier (heat transfer oil) that takes heat from a hot source (heat generator) and transfers it where needed. Despite higher costs and operative complexity, several advantages are achieved by an indirect heating system, such as the greater ease of temperature control and uniformity and the ability to serve more users by a single heat source. Also safety is maximized because users are not in direct contact with the heat source.

Eni heat transfer oils are formulated with high quality base oils to ensure excellent heat transfer and a long term protection of the circuits against corrosion and deterioration.

Product	Description	Viscosity ISO VG	Classifications and specifications
Alaria 2 Alaria 3 Alaria 7	Characteristics: oils based on paraffinic basestocks with very high thermo-oxidative stability, outstanding resistance to deposits and sludge formation. Good demulsibility and rapid air-release. Applications: open or closed systems.	n.d.	ISO 6743/12 QB
Alaria 3HT	Characteristics: oil based on high quality paraffinic basestocks that ensure excellent thermo-oxidative stability, very high resistance to deposits and sludge formation, good demulsibility and rapid air-release. Applications: open or closed systems operating at very high temperatures.	n.d.	ISO 6743/12 QC