## Lubricants greases

Products	Type - Thickener	NLGI grade	Applications	Advantages	Range of use	International Specifications
	Pharmaceutical white oil - Aluminium complex	000 00 1 2	- Plain and rolling bearings. - Loaded bearings of conveyor belts. - Chains, joints, gaskets and seals. - Gears and gearboxes.	<ul> <li>Excellent sliding properties.</li> <li>Good resistance to loads.</li> <li>Good water washout reisistance.</li> <li>High anticorrosion and antioxidant properties.</li> </ul>	-15/+120°C	NSF H1 Kosher - Halal
	Synthetic oil - Aluminium complex	000 00 1 2	<ul> <li>Multipurpose EP greases for all types of bearings.</li> <li>Loaded bearings of conveyor belts.</li> <li>Gears, gearboxes, slideways, joints, gaskets, seals and chains.</li> </ul>	<ul> <li>Excellent performance and stability at high and low temperature.</li> <li>Excellent resistance to loads.</li> <li>Good water washout resistance.</li> <li>High anticorrosion and antioxidant properties.</li> <li>Very good pumpability at low temperature.</li> </ul>	-40/+140°C	NSF H1 Kosher - Halal
	Pharmaceutical white oil - Inorganic	00 2	- Conveyor belts, components and bearings not loaded of bakery industry, olive mills, of bottling industry and wine-making companies.	- Transparency and absence of colour and odour. - Excellent adhesivity. - Insoluble in water. - Good thermal stability.	-25/+100°C (NLGI 00) -20/+120°C (NLGI 2)	NSF H1 Kosher - Halal
	Pharmaceutical white oil - Inorganic	2	<ul> <li>Release agent for grills and oven dishes for bakery products, cakes and pasta.</li> <li>Lubrication of knives and cutting boards for fruit, vegetables and meat.</li> <li>Bearings and components operating in direct contact with the food.</li> <li>Suspended chains and conveyor belts.</li> </ul>	- Transparency and absence of colour and odour. - Excellent adhesivity. - Insoluble in water.	-20/+120°C	NSF 3H Kosher - Halal
	F.D.A. silicone oil - Inorganic	3	<ul> <li>Taps, valves, fittings in plastic materials and rubber.</li> <li>Insulating grease.</li> <li>O-rings, domestic taps, expansion valves exposed to high or low temperature.</li> <li>Electrical cables and wires.</li> <li>Pumps for potable water.</li> </ul>	<ul> <li>High stability and resistance to high temperature.</li> <li>Insoluble in water and steam.</li> <li>Excellent resistance to chemical agents.</li> <li>Compatible with elastomers, rubbers and plastic materials.</li> <li>Very good protection against oxidation and corrosion.</li> </ul>	-50/+220°C	NSF H1 Kosher - Halal
	PFPE - PTFE	2	<ul> <li>Bearings, gears, slideways and chains operating at very high temperatures also with high loads.</li> <li>Components operating in aggressive environments.</li> <li>Rubber and plastic materials.</li> </ul>	<ul> <li>Excellent stability at high temperature.</li> <li>Excellent resistance to loads.</li> <li>High resistance to water washout and steam.</li> <li>Chemically inert and resistant to strong acids and bases, halogens, alkaline baths, solvents and agressive agents.</li> <li>Compatible with elastomers, rubbers and plastics.</li> <li>Good anti-corrosion properties.</li> </ul>	-35/+250°C (peaks 270°C)	NSF H1 Kosher - Halal
	Synthetic oil - Anhydrous calcium	2	- Bearings, slideways, gears and chains operating in cold and wet environments.	<ul> <li>High protection against corrosion.</li> <li>Excellent adhesivity and water pressure resistance.</li> <li>Good antiwear properties.</li> </ul>	-30/+120°C	NSF H1 Kosher - Halal
	Pharmaceutical white oil - Calcium complex	1,5	<ul> <li>Bearings, open gears and components loaded and subjected to vibrations and shocks.</li> <li>Chains and components operating in aqueous or semi-immersed environments.</li> </ul>	<ul> <li>Very good adhesivity.</li> <li>High resistance to loads, vibrations and shocks.</li> <li>High thermal and mechanical stability.</li> <li>Excellent resistance to water washout.</li> <li>High protection against corrosion.</li> </ul>	-20/+140°C (peaks 150°C)	NSF H1 Kosher - Halal
		2	<ul> <li>Bearings, open gears and components loaded and subjected to vibrations and shocks.</li> <li>Chains and components operating in aqueous or semi-immersed environments.</li> <li>Fan bearings and electric motors.</li> </ul>	<ul> <li>Excellent resistance to loads, vibrations and shocks.</li> <li>High thermal and mechanical stability.</li> <li>Excellent adhesivity, water washout resistance and protection against corrosion.</li> </ul>	-25/+140°C (peaks 180°C)	NSF H1 Kosher - Halal

For further information on applications and features of products see Eni technical and safety data sheets.