

Rust preventive oils

Rust preventive oils are formulated for lubrication and protection of metal surfaces from atmospheric corrosion. They contain polar substances that allow them to adhere and to film the metal surfaces preventing corrosion. When temporary protection is needed, for example in case of short storage time of the workpieces before the final process, the washability is an important requirement in order to avoid formation of deposits.

Rustia F line is formulated with solvents that, evaporating quickly, facilitate the rapid formation of a durable protective film.

Rust preventive oils

Product	Description	Viscosity at 40°C (mm ² /s)
Rustia 27	Characteristics: rust preventive oil. Applications: protection of weapons, work-pieces and machineries.	14
Rustia NT	Characteristics: rust preventive oil. Applications: protection of low carbon steel-rolled and galvanized rolled. Suitable for protection of pipes and metal formed pieces.	20

Rust preventive oils with solvent

Product	Description	Viscosity at 40°C (mm ² /s)
Rustia 68/F	Characteristics: dewatering rust preventive oil, suitable to remove humidity from metallic surfaces. Applications: temporary protection of machined components and work-pieces previously treated with coolant.	1.5
Rustia 100/F	Characteristics: rust preventive oil that leaves, after solvent evaporation, an oily film which ensures effective long-term rust protection. Applications: protection of work-pieces, components and machineries in humid and saline atmosphere.	10
Rustia 250/F	Characteristics: rust preventive oil that leaves, after solvent evaporation, a very resistant waxy film on the treated surface, assuring effective long-term antirust protection even in tropical climates. Applications: recommended for all materials destined to prolonged outdoor storage or sea transport.	12

Heat treatment oils



Eni heat treatment oils are designed for quenching and tempering process on various type of steel for all fields of mechanical engineering.

Eni Simblum line is formulated with paraffinic base stocks with high oxidation stability and with different viscosity grades to meet all the application requirements.

Product	Description	Viscosity at 40°C (mm ² /s)	Specifications
Simblum 2A	Characteristics: cold quick hardening oil. Applications: cold quick hardening treatments of small metal parts, screws and bolts.	17	ISO 6743/14 UHB
Simblum 3	Characteristics: cold normal hardening oil. Applications: cold hardening treatments of metal pieces of various size.	30	ISO 6743/14 UHA
Simblum 3A	Characteristics: cold quick hardening oil. Applications: cold quick hardening treatments of metal pieces of various size particularly for screws and bolts.	34	ISO 6743/14 UHB
Simblum 3L	Characteristics: cold normal hardening oil with washability properties. Applications: cold hardening treatments of metal pieces of various size, suitable when washability of the work-piece is required.	31	ISO 6743/14 UHA
Simblum 5A	Characteristics: semi-hot quick hardening oil. Applications: semi-hot or even cold quick hardening treatments of metal pieces of various size.	62	ISO 6743/14 UHD
Simblum 26A	Characteristics: hot quick hardening oil with high viscosity. High resistance to oxidation and to thermal cracking. Applications: hot quick hardening treatments.	360	ISO 6743/14 UHF