10

SOAP-BASED GREASE
NON-SOAP GREASE
PETROFER ENVO FOOD

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GREASES

PETROFER

PETROFER
industrial oils and chemicals

GREASES

PETROFER high-performance greases provide superior lubrication for a wide range of automotive, industrial, and agricultural equipment. Formulated with advanced technology, they o□er excellent friction reduction, wear resistance, and corrosion protection. This ensures lasting lubrication stability and durability, e□ectively extends maintenance intervals, boosts operational e□ciency, and supports reliable and e□cient operation of all equipment types.

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A SOAP-BASED GREASE

Thickened with metal soap. It provides stable and balanced performance with good cost-effectiveness. Suitable for most conventional equipment and general operating conditions.

PRODUCT MODEL	APPLICATION RANGE	PHYSICAL AND CHEMICAL PROPERTIES	GELLING AGENT	

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PRODUCT MODEL	APPLICATION RANGE	PHYSICAL AND CHEMICAL PROPERTIES	GELLING AGENT	PRODUCT FEATURES
GREASE TG-10 Thread Grease	Serves to lubricate, prevent seizure, protect against rust, and seal threaded connections.	Penetration (unworked) 25 310-340/0.1mm Dropping Point ≥170 Copper strip corrosion (100 , 24 h) No green or black discoloration	Lithium-Based Grease	Reduces friction and wear, ensuring precise torque transmission and easy assembly/disassembly of threads under harsh conditions.
GREASE 810 PEBE 2 Bearing Grease	Specialized for lubricating and protecting all types of rolling and sliding bearings.	Penetration (worked) 25 265-295/0.1mm Dropping Point ≥180 Copper strip corrosion (100 , 24 h) No green or black discoloration	Lithium Complex Grease	Provides friction reduction, wear resistance, sealing, rust prevention, and operational stability to bearings, ensuring smooth and long-lasting performance under all speed, temperature, and load conditions.
GREASE 810 PEBE 3 Bearing Grease	Specifically designed for the lubrication and protection of various types of rolling and sliding bearings.	Penetration (worked) 25 220-250/0.1mm Dropping Point ≥180 Copper strip corrosion (100 , 24 h) No green or black discoloration	Lithium Complex Grease	This grease is designed to support smooth and durable bearing performance across all operating conditions by delivering key benefits: reduced friction, wear protection, sealing, rust prevention, and enhanced operational stability.

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GREASE 721UB-6 Way Grease	Suitable for bearings and mechanical components that require reliable rust prevention and lubrication perfor-mance, such as machine tool ways.	Penetration (unworked)n 25 430-450-/0.1mm Dropping Point ≥160 Copper strip corrosion (100 , 24 h) No green or black discoloration	Lithium-Based Grease	-5 ~120 It operates across a wide temperature range (-5°C to 120°C), providing rust prevention, wear resistance, colloidal stability, and strong adhesion for reliable long-term protection.
GREASE 711UB-2 Way Grease	Widely used for components requiring rust prevention and stable lubrication (e.g., machine tool ways), and particularly suitable for mechani-cal parts with high demands on anti-wear and extreme pressure (EP) performance.	Penetration (unworked) 25 355-385/0.1mm Dropping Point ≥160 Copper strip corrosion (100 , 24 h) No green or black discoloration	Lithium-Based Grease	-10 ~120 Featuring an ultra-wide temperature range (-10°C to 120°C), it provi des rust prevention, wear resistance, colloidal stability, and tenacious adhesion that prevents oil bleed and loss.

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PRODUCT MODEL	APPLICATION RANGE	PHYSICAL AND CHEMICAL PROPERTIES	GELLING AGENT	PRODUCT FEATURES
GREASE 721UB-8 Way Grease	Suitable for various bearings and mechanical components (e.g., machine tool ways) that require a wide temperature range, rust prevention, and reliable lubrication performance.	Penetration (unworked) 25		
GREASE 518CS-1 Antirust Grease	Specifically intended for metal components in high-humidity, corrosive environments (e.g., coastal areas, chemical processing plants) or those requiring long-term storage preservation.	Penetration (unworked) 25 365-440/0.1mm Dropping Point ≥180 Copper strip corrosion (100 , 24 h) No green or black discoloration	Calcium Sulfonate Complex	Provides fundamental lubrication while effectively resisting corrosion caused by moisture, salt spray, and other contaminants, thereby extending the service life of equipment in demanding environments.

B NON-SOAP GREASE

Organic thickened type (e.g., polyurea grease): Features a wide temperature range, long service life, or chemical resistance. Designed for demanding environments.
Inorganic thickener-based grease (e.g., bentonite grease): Offers outstanding high-temperature resistance and dust protection. Specifically designed for demanding applications such as elevated temperatures and dusty conditions.

		PHYSICAL AND CHEMICAL PROPERTIES		
GREASE 719UB-2L High-Temperature Grease	Designed for high-temperature, high-pressure, and high-speed operating conditions, this product delivers effective lubrication for various types of machinery in demanding environments.	Penetration (unworked) 25 265-295/0.1mm Dropping Point ≥280 Copper strip corrosion (100 , 24 h) No green or black discoloration	Inorganic Thickener	Offers good extreme pressure (EP) and anti-wear properties, effectively reducing wear on metal surfaces. Its formulation is designed to maintain structural integrity and lubricating performance under prolonged high-temperature exposure and provides excellent water resistance and mechanical stability.

C PETROFER ENVO FOOD

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ENVO Food

NSF H1 NSF HT1 —

NSF

ENVO Food supplies lubricants, greases and heat transfer fluids developed specifically for the food industry. These products comply with strict standards, support safe processing procedures and align with sustainability goals.
The lubricants and greases hold NSF H1 certification, while the heat transfer fluids have NSF HT1 certification—this ensures compliance with high health and safety requirements even in scenarios involving potential food contact. All products have undergone testing and certification by NSF International, an independent organization recognized globally.

PRODUCT LINE	DESCRIPTION	FEATURES
ENVO-PASTE FG	Assembly and lubricating pastes	/ For bolts, nuts, studs, flanges and spindles as well as other sliding surfaces in screw and plug connections, guide bars, hinges and rollers
ENVO-GREASE FG 2 HT	High-temperature greases	/ / For rolling and plain bearings and all sliding pairs susceptible to wear under extreme conditions; Typical applications: baking ovens, baking lines, guide pulleys of conveyor chains, kiln cars, calenders as well as in dairies and beverage filling
ENVO-GREASE FG	Grease for long-term or life-time lubrication	/ High wear and corrosion prevention; suitable for rolling and plain bearings, joints and sliding pairings in machinery and equipment
ENVO-GREASE ALC	Greases for the lubrication of machinery and equipment	/ Typical applications: rolling and plain bearings, joints, levers, bolts, tracks, hoist cylinders and rotary cams

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PRODUCT LINE	DESCRIPTION	FEATURES
ENVO-GREASE SI 1	Lubricating grease for valves and fittings	EPDM For example, for beer dispensing valves and EPDM seals in the beverage industry
ENVO-CHAIN 220	Chain oil	260 For transport-, drive- and cam shaft chains up to 260 °C
ENVO-GEAR FG	PAO α- PAO-gear oils	Gear oil for the application in the food-, animal feed- and pharmaceutical industry
ENVO-COVA	H1 H1-Vacuum- and compressor oils	H1 / Fully synthetic H1-Vacuum- and compressor oils of the newest generation for prolonged oil change intervals

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PRODUCT LINE	DESCRIPTION	FEATURES
ENVO-GREASE ALC 1	H1 H1-complex grease	H1 White oil based, light H1-aluminium complex grease
ENVO-HYD	Hydraulic oils	Especially developed as hydraulic oil for the application in the food-, animal feed- and pharmaceutical industry
ENVO-GEAR SYN	PAG PAG-gear oils	H1 Fully synthetic H1 high-performance gear oils for extended re-lubrication intervals of the latest generation

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10 GREASES

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