



SOAP-BASED GREASE
NON-SOAP GREASE
PETROFER ENVO FOOD

皂基润滑脂

非皂基润滑脂

PETROFER ENVO 食品级

GREASES

润滑脂



PETROFER
industrial oils and chemicals

GREASES

润滑脂

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

PETROFER高性能润滑脂，广泛适用于汽车、工业、农业等多领域设备润滑。产品采用先进配方技术，兼具优异的减摩、抗磨及防腐性能，可确保润滑效果持久稳定、长效耐用，有效延长设备维护周期、提升运行效率，助力各类设备实现可靠高效运转。



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采用金属皂作为稠化剂，性能稳定均衡，具有良好的经济性。适用于大多数常规设备及一般工况。

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	PRODUCT FEATURES
产品种类	应用范围	理化指标	稠化剂	产品特性
GREASE 510UB-1 齿轮润滑脂 Gear Grease	适用于低速、重负荷机械部件（如轴承、齿轮等） Suitable for low-speed, heavily loaded mechanical parts such as bearings and gears.	锥入度（未工作） Penetration (unworked) (25°C) : 400-430/0.1 mm 滴点 Dropping Point $\geq 160^\circ\text{C}$ 铜腐蚀 Copper strip corrosion (100°C, 24 h): 无绿色或黑色变化 No green or black discoloration	锂基脂 Lithium-Based Grease	具有宽广的工作温度范围（-5°C~120°C），兼具优异的防锈、抗磨性能，以及出色的胶体安定性与粘附性，有助于在恶劣工况下保持位置，提供长效保护。 With a broad operating temperature range (-5°C to 120°C), it offers excellent rust prevention, anti-wear performance, colloidal stability, and adhesion, to stay in place and deliver long-term protection in demanding environments.
GREASE 718UB-3 抛光润滑脂 Polishing Grease	广泛应用于不锈钢、铜、铝等金属制品的表面抛光与超精研磨过程，也可作为通用锂基脂用于轴承、齿轮等机械零部件的润滑 With broad applications, this grease is suitable for the surface polishing and superfinishing of stainless steel, copper, and aluminum products, and can also be used as a multi-purpose lithium-based lubricant for bearings, gears, and other mechanical parts.	锥入度（未工作） Penetration (unworked) (25°C) : 220-250/0.1mm 滴点 Dropping Point $\geq 170^\circ\text{C}$ 铜腐蚀 Copper strip corrosion (100°C, 24 h): 无绿色或黑色变化 No green or black discoloration	锂基脂 Lithium-Based Grease	为设备（如抛光机、研磨机）的关键部位提供润滑，同时为工件（如不锈钢、铜铝材）获得良好的表面光洁度与精度提供支持。 It lubricates critical parts of equipment... while contributing to a superior surface finish and precision for workpieces.



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GREASE TG-10 螺纹润滑脂 Thread Grease	专用于润滑、防卡死、防锈蚀和密封螺纹连接部位。 Serves to lubricate, prevent seizure, protect against rust, and seal threaded connections.	锥入度 (未工作) Penetration (unworked) (25°C) : 310-340/0.1mm 滴点 Dropping Point $\geq 170^{\circ}\text{C}$ 铜腐蚀 Copper strip corrosion (100°C, 24 h): 无绿色或黑色变化 No green or black discoloration	锂基脂 Lithium-Based Grease	减少摩擦磨损，使扭矩传递更精确，并确保在苛刻工况下螺纹仍能顺利拆装。 Reduces friction and wear, ensuring precise torque transmission and easy assembly/disassembly of threads under harsh conditions.
GREASE 810 PEBE 2 轴承润滑脂 Bearing Grease	专用于各类滚动轴承和滑动轴承的润滑与保护 Specialized for lubricating and protecting all types of rolling and sliding bearings.	锥入度 (工作) Penetration (worked) (25°C) : 265-295/0.1mm 滴点 Dropping Point $\geq 180^{\circ}\text{C}$ 铜腐蚀 Copper strip corrosion (100°C, 24 h): 无绿色或黑色变化 No green or black discoloration	复合锂基脂 Lithium Complex Grease	为轴承提供减摩润滑、抗磨损保护、密封防锈和稳定运行保障，支持轴承在各种转速、温度和负载下实现平稳、持久的运转。 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 轴承润滑脂 Bearing Grease	专用于各类滚动轴承和滑动轴承的润滑与保护 Specifically designed for the lubrication and protection of various types of rolling and sliding bearings.	锥入度 (工作) Penetration (worked) (25°C) : 220-250/0.1mm 滴点 Dropping Point $\geq 180^{\circ}\text{C}$ 铜腐蚀 Copper strip corrosion (100°C, 24 h): 无绿色或黑色变化 No green or black discoloration	复合锂基脂 Lithium Complex Grease	为轴承提供减摩润滑、抗磨损保护、密封防锈和稳定运行保障，支持轴承在各种转速、温度和负载下实现平稳、持久运转。 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 导轨润滑脂 Way Grease	适用于对防锈及润滑性能有要求的各类轴承与机械部件（如机床导轨等） Suitable for bearings and mechanical components that require reliable rust prevention and lubrication performance, such as machine tool ways.	锥入度（未工作） Penetration (unworked)n (25°C) : 430-450-/0.1mm 滴点 Dropping Point ≥160°C 铜腐蚀 Copper strip corrosion (100°C, 24 h): 无绿色或黑色变化 No green or black discoloration	锂基脂 Lithium-Based Grease	具有-5°C~120°C的宽温润滑能力，同时兼具防锈与抗磨性能。其胶体稳定，粘附性强，有助于实现长效保护。 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 导轨润滑脂 Way Grease	广泛用于对防锈和稳定润滑有要求的各类部件（如机床导轨等），特别适合于对抗磨、极压性能有较高要求机械零部件的润滑 Widely used for components requiring rust prevention and stable lubrication (e.g., machine tool ways), and particularly suitable for mechanical parts with high demands on anti-wear and extreme pressure (EP) performance.	锥入度（未工作） Penetration (unworked) (25°C) : 355-385/0.1mm 滴点 Dropping Point ≥160°C 铜腐蚀 Copper strip corrosion (100°C, 24 h): 无绿色或黑色变化 No green or black discoloration	锂基脂 Lithium-Based Grease	具备-10°C~120°C的超宽温润滑能力，兼具防锈与抗磨性能，且胶体稳定，强效粘附，有效防止析油流失。 Featuring an ultra-wide temperature range (-10°C to 120°C), it provides rust prevention, wear resistance, colloidal stability, and tenacious adhesion that prevents oil bleed and loss.



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产品种类	应用范围	理化指标	稠化剂	产品特性
GREASE 721UB-8 导轨润滑脂 Way Grease	适用于宽温域、防锈及润滑性能有要求的各类轴承与机械部件（如机床导轨等） Suitable for various bearings and mechanical components (e.g., machine tool ways) that require a wide temperature range, rust prevention, and reliable lubrication performance.	锥入度（未工作） Penetration (unworked) (25°C) : 430-450/0.1mm 滴点 Dropping Point $\geq 180^{\circ}\text{C}$ 铜腐蚀 Copper strip corrosion (100°C, 24 h): 无绿色或黑色变化 No green or black discoloration	复合锂基脂 Lithium Complex Grease	具有 $-10^{\circ}\text{C} \sim 180^{\circ}\text{C}$ 的宽温润滑能力，同时兼具防锈与抗磨性能。其胶体稳定，粘附性强，有利于实现长效保护。 It functions effectively across a broad temperature range from -10°C to 180°C , delivering rust prevention, wear resistance, colloidal stability, and tenacious adhesion for durable protection.
GREASE 518CS-1 防锈润滑脂 Antirust Grease	专用于高湿度、腐蚀性环境（如沿海、化工区）或需长期封存设备的金属部件 Specifically intended for metal components in high-humidity, corrosive environments (e.g., coastal areas, chemical processing plants) or those requiring long-term storage preservation.	锥入度（未工作） Penetration (unworked) (25°C) : 365-440/0.1mm 滴点 Dropping Point $\geq 180^{\circ}\text{C}$ 铜腐蚀 Copper strip corrosion (100°C, 24 h): 无绿色或黑色变化 No green or black discoloration	复合磺酸钙 Calcium Sulfonate Complex	在提供基础润滑的同时，有助于抵抗水汽、盐雾等介质的侵蚀，从而支持延长设备在苛刻环境下的使用寿命。 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.





NON-SOAP GREASE

非皂基润滑脂

有机稠化型（如聚脲脂）：具备宽温域、长寿命或耐化学腐蚀等特性。适用于苛刻环境。

无机稠化型（如膨润土脂）：耐高温与防尘性能优异。专为高温、多尘等严苛工况设计。

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.

PRODUCT MODEL	APPLICATION RANGE	PHYSICAL AND CHEMICAL PROPERTIES	GELLING AGENT	PRODUCT FEATURES
产品种类	应用范围	理化指标	稠化剂	产品特性
GREASE 719UB-2L 高温润滑脂 High-Temperature Grease	本品专为高温、高压及高速工况设计，适用于苛刻环境下的各类机械设备润滑。 Designed for high-temperature, high-pressure, and high-speed operating conditions, this product delivers effective lubrication for various types of machinery in demanding environments.	锥入度（未工作） Penetration (unworked) (25°C) : 265-295/0.1mm 滴点 Dropping Point $\geq 280^{\circ}\text{C}$ 铜腐蚀 Copper strip corrosion (100°C, 24 h): 无绿色或黑色变化 No green or black discoloration	无机稠化剂 Inorganic Thickener	具备良好的极压抗磨性，有效减少金属表面磨损。其设计使其在高温下能长期保持结构稳定与润滑性能。同时具备优良的抗水性能与机械安定性。 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.





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PETROFER ENVO 食品级

ENVO Food 提供专为食品行业研发的润滑剂、润滑脂及热传导液。此类产品符合严苛标准，可支持安全的加工流程，并与可持续发展目标相符。

其中，润滑剂与润滑脂具备 NSF H1 认证，热传导液具备 NSF HT1 认证—即便在可能接触食品的场景下，也能确保符合较高的健康安全要求。所有产品均经过全球公认的独立机构 NSF 国际的测试与认证。

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
产品线	概述	特点
ENVO-PASTE FG	装配及润滑膏 Assembly and lubricating pastes	适用于螺栓、螺母、螺柱、法兰和主轴，以及螺纹 / 塞式连接中的滑动面、导杆、铰链和滚轮 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	高温润滑脂 High-temperature greases	适用于滚动 / 滑动轴承及极端条件下易磨损的滑动副；典型应用：烘焙烤箱、烘焙线、输送链导轮、窑车、压延机，以及乳制品 / 饮料灌装设备 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	长效终身润滑用润滑脂 Grease for long-term or life-time lubrication	具备优异抗磨、防腐蚀性能；适用于机械设备的滚动 / 滑动轴承、关节及滑动副 High wear and corrosion prevention; suitable for rolling and plain bearings, joints and sliding pairings in machinery and equipment
ENVO-GREASE ALC	机械设备润滑用润滑脂 Greases for the lubrication of machinery and equipment	典型应用：滚动 / 滑动轴承、关节、杠杆、螺栓、轨道、起重油缸及旋转凸轮 Typical applications: rolling and plain bearings, joints, levers, bolts, tracks, hoist cylinders and rotary cams





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其中，润滑剂与润滑脂具备 NSF H1 认证，热传导液具备 NSF HT1 认证—即便在可能接触食品的场景下，也能确保符合较高的健康安全要求。所有产品均经过全球公认的独立机构 NSF 国际的测试与认证。

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产品线	概述	特点
ENVO-GREASE SI 1	阀门及管件用润滑脂 Lubricating grease for valves and fittings	例如：适用于饮料行业的啤酒分配阀及三元乙丙橡胶（EPDM）密封件 For example, for beer dispensing valves and EPDM seals in the beverage industry
ENVO-CHAIN 220	链条油 Chain oil	适用于输送链、传动链及凸轮轴链条，最高耐温 260°C For transport-, drive- and cam shaft chains up to 260 °C
ENVO-GEAR FG	PAO 型齿轮油 (聚 α- 烯烃基础油) PAO-gear oils	适用于食品、饲料及制药行业的齿轮油 Gear oil for the application in the food-, animal feed- and pharmaceutical industry
ENVO-COVA	H1 级真空及压缩机油 H1-Vacuum- and compressor oils	最新一代全合成 H1 级真空 / 压缩机油，可延长换油周期 Fully synthetic H1-Vacuum- and compressor oils of the newest generation for prolonged oil change intervals





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其中，润滑剂与润滑脂具备 NSF H1 认证，热传导液具备 NSF HT1 认证—即便在可能接触食品的场景下，也能确保符合较高的健康安全要求。所有产品均经过全球公认的独立机构 NSF 国际的测试与认证。

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产品线	概述	特点
ENVO-GREASE ALC 1	H1 级复合润滑脂 H1-complex grease	以白油为基础油的浅色 H1 级铝复合润滑脂 White oil based, light H1-aluminium complex grease
ENVO-HYD	液压油 Hydraulic oils	专为食品、饲料及制药行业开发的液压油 Especially developed as hydraulic oil for the application in the food-, animal feed- and pharmaceutical industry
ENVO-GEAR SYN	PAG 型齿轮油 (聚醚基础油) PAG-gear oils	新一代全合成 H1 级高性能齿轮油，可延长再润滑周期 Fully synthetic H1 high-performance gear oils for extended re-lubrication intervals of the latest generation





ENVO

sustainable product line

Petrofer is your professional partner for the special Lubricants and fluids for your production process in the world.

德润宝是您在特种化学品和流体工艺中专业的全球合作伙伴。

1	QUENCHANTS	热处理淬火介质
2	DIE-CASTING & FORGING MEDIA	压铸和锻造
3	FIRE-RESISTANT HYDRAULIC FLUIDS	抗燃液压
4	METAL WORKING FLUIDS	金属加工介质
5	METAL FORMING LUBRICANTS	金属成型加工
6	INDUSTRIAL LUBRICANTS	工业润滑
7	INDUSTRIAL CLEANERS	工业清洗剂
8	RUST PREVENTATIVES	防锈剂
9	PAPER CHEMICALS	造纸
10	GREASES	润滑脂

For more information, please visit the website or scan the QR code to obtain.

更多信息请登陆官网或扫描二维码获得。



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