# 10

# GREASES

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# 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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PETROFER PETROFER PETROFER PETROFER

# 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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# A SOAP-BASED GREASE

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| PRODUCT MODEL | APPLICATION RANGE | PHYSICAL AND CHEMICAL PROPERTIES | GELLING AGENT | PRODUCT FEATURES |
|---|---|---|---|---|
| GREASE TG-10<br>Thread Grease | Serves to lubricate, prevent seizure, protect against rust, and seal threaded connections. | Dropping Point (°C) ≥ 170<br>Cone Penetration (25°C, 0.1mm) 310-340<br>Copper Corrosion (100°C, 24h) Qo obvious black discoloration | Lithium-Based Grease | Reduces friction and wear, ensuring precise torque transmission and easy assembly/disassembly of threads under harsh conditions. |
| GREASE 810<br>PEBE 2<br>Bearing Grease | Specialized for lubricating and protecting all types of rolling and sliding bearings. | Dropping Point (°C) ≥ 180<br>Cone Penetration (25°C, 0.1mm) 265-295<br>Copper Corrosion (100°C, 24h) Qo obvious 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<br>PEBE 3<br>Bearing Grease | Specifically designed for the lubrication and protection of various types of rolling and sliding bearings. | Dropping Point (°C) ≥ 180<br>Cone Penetration (25°C, 0.1mm) 220-250<br>Copper Corrosion (100°C, 24h) Qo obvious 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. |

| PRODUCT MODEL | APPLICATION RANGE | PHYSICAL AND CHEMICAL PROPERTIES | GELLING AGENT | PRODUCT FEATURES |
|---|---|---|---|---|
| GUEAVE 721XB-6<br>Way Grease | Suitable for bearings and mechanical components that require reliable rust prevention and lubrication perfor-mance, such as machine tool ways. | Shqhwudwlrq (xqz runhg)q ε 25 ζ χ 430-450-/0.1mm<br>Dursslqj Srlqw ˆ160<br>Crsshu vwuls fruurvlrq (100 , 24 k) χ<br>Qr juhhq ru black discoloration | Lithium-Based Grease | -5 ¢120 □<br>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<br>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. | Shqhwudwlrq (xqz runhg) ε 25 ζ χ | | |

| PRODUCT MODEL | APPLICATION RANGE | PHYSICAL AND CHEMICAL PROPERTIES | GELLING AGENT | PRODUCT FEATURES |
|---|---|---|---|---|
| GREASE 721UB-8<br>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. | (xqzrunhg) 25 | | |
| GREASE 518CS-1<br>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. | (xqzrunhg) 25<br>365-440/0.1 p p<br>Durss lqj Srlqw 180<br>Crsshu vwuls fruurvlrq (100 , 24 k)<br>Qr juhhq ru 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. Dhvljqhg iru ghpdqglqj hqylurqphqwv.
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 | | | | |
|---|---|---|---|---|
| GUEAVE 719XB-20<br>High-Temperature Grease | Dhvljqhg iru high-temperature, high-pressure, and high-speed operating conditions, this product delivers effective lubrication for various types of machinery in demanding environments. | (xqzrunhg) 265-295/0.1 p p<br>Dursslqj Srlqw 280<br>Crsshuvwuls fruurvlrq (100 , 24 k)<br>Qr juhhq ru 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. |

# PETROFER ENVO FOOD

## PETROFER ENVO

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 |
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| ENVO-GREASE SI 1 | Lubricating grease for valves and fittings | Fru h{dp so h, iru ehhu glvshqvlqj ydoyhv dqg ESDP vhdov lq wkh ehyhu-age industry |
| ENVO-CHAIN 220 | Chain oil | Fru wudqvs ruw-, gulyh- dqg fdp vkdiw fkdlqv xs wr 260 °C |
| ENVO-GEAR FG | SAR PAO-gear oils | Gear oil for the application in the food-, animal feed- and pharmaceu-tical industry |
| ENVO-COVA | H1-Vacuum- and compressor oils | Fully synthetic H1-Vacuum- and compressor oils of the newest generation for prolonged oil change intervals |

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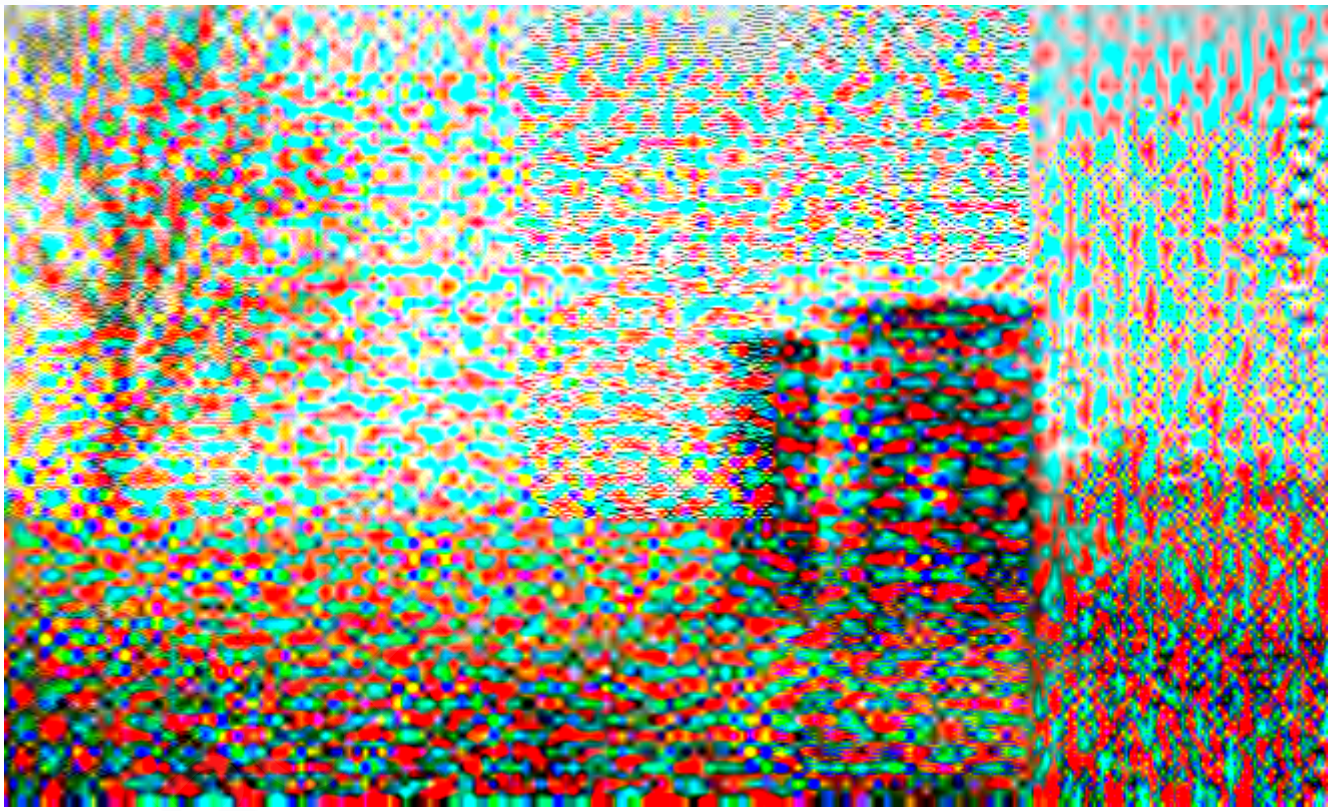
| PRODUCT LINE | DESCRIPTION | FEATURES |
|---|---|---|
| ENVO-GREASE ALC 1 | H1 ﾉ ｳ ﾄ ○<br>H1-complex grease | Ɋ ≥ ｇ˜ ≥ Ⱡ H1 ﾉ ｳ ﾄ ○<br>White oil based, light H1-aluminium complex grease |
| EQYR-H\D | я ≥<br>Hydraulic oils | ٻᵝ ɑ ʒ˙ Φ Ã ∧ я ≥<br>Especially developed as hydraulic oil for the application in the food-, animal feed- and pharmaceutical industry |
| ENVO-GEAR SYN | SAG ʒ ɯ ڒ ≥<br>ε ǐ ｇ˜ ≥ ζ<br>PAG-gear oils | Ȧ Ꮒ ᖇ ᵀ ŏ H1 ﾉ ﾇ ó ɯ ڒ ≥ ı ˡ å ڍ W ○ ᵕ Ɋ<br>Fully synthetic H1 high-performance gear oils for extended re-lubrication intervals of the latest generation |



QUENCHANTS

DIE-CASTING & FORGING MEDIA

FIRE-RESISTANT HYDRAULIC FLUIDS

METAL WORKING FLUIDS

METAL FORMING LUBRICANTS

INDUSTRIAL LUBRICANTS

INDUSTRIAL CLEANERS

RUST PREVENTATIVES

PAPER CHEMICALS

10 GREASES