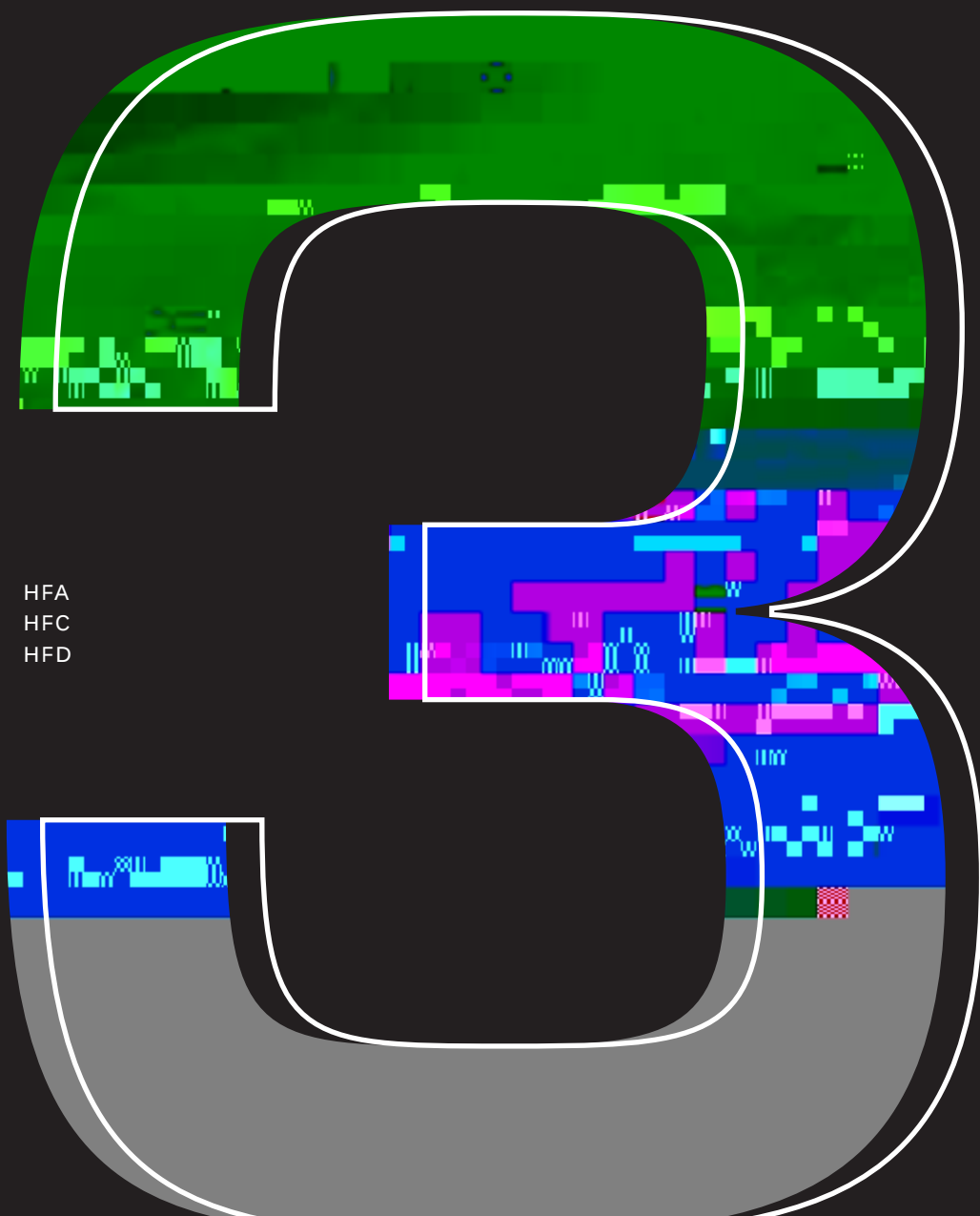


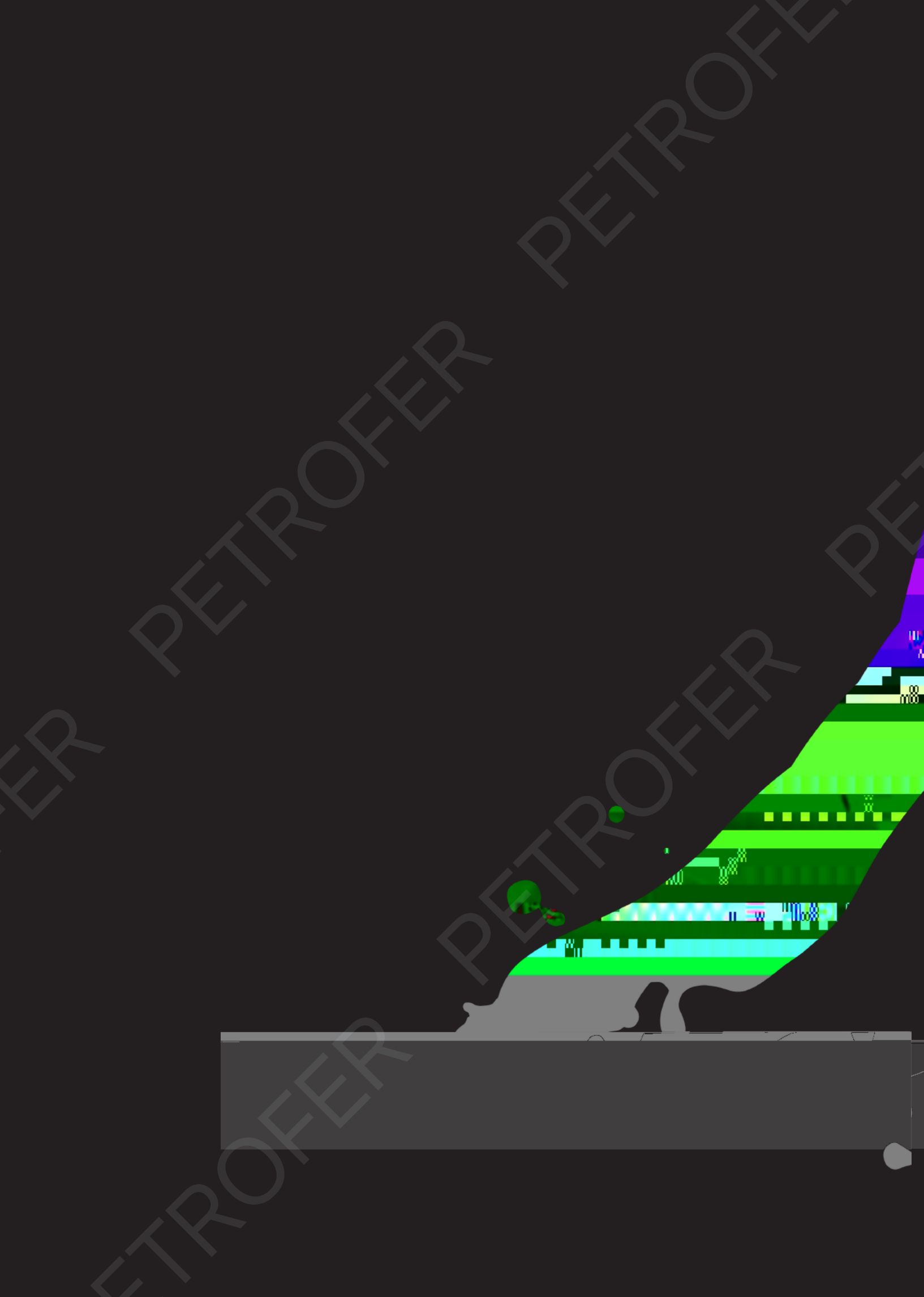


HFA
HFC
HFD



PETROFER
industrial oils and chemicals

PETROFER



HFA HYDRAULIC FLUID HFA

In order to meet the various demands on hydraulic fluids, PETROFER has developed superior water-hydraulic solutions. Our modern products meet challenging technical and ecological requirements and are recognized by renowned original equipment manufacturers. In addition, we offer mineral oil and ester-based HFA-E fluids as well as HFA-S fluids.

HFA-S

HFA-S Fully Synthetic Concentrates for Hydraulics

PRODUCT MODEL	APPLICATION RANGE	PRODUCT CERTIFICATION	CONCENTRATION
ULTRA-PRESS 5	Synthetic hydraulic fluids,especially for hydroforming	7th Lux RAG 7th Lux, Interstitial corrosion test report according to RAG specification	2–5 %
ULTRA-PRESS 20	Synthetic hydraulic fluids for mining and industry (steel mills, hydraulic presses)		2–5 %

HFA-E

HFA-E Emulsion Concentrate for Hydraulics

PRODUCT MODEL	APPLICATION RANGE	PRODUCT CERTIFICATION	CONCENTRATION
ULTRA-SAFE 10 MPL	Mineral oil-based hydraulic fluids for mining and industrial applications	GIG , (GOST)	2–5 %
ULTRA-SAFE 10 E	Ester-based hydraulic fluids for mining and industry with excellent biodegradability	7th Lux. report, () MARCO,Joy approval, FAZOS , Tiefenbach, GOST	2–5 %
ULTRA-SAFE 10 EF	Formaldehyde-free ester-based hydraulic fluids for steel mills, forging presses and mining		2–5 %
ULTRA-SAFE 15 SI	RAG Ester-based high-performance hydraulic fluids for mining and industry with excellent biodegradability and compliance with RAG standard crevice corrosion test	7th Lux. report, Caterpillar, () MARCO, Tiefenbach, GOST	2–5 %



HFA HYDRAULIC FLUID

HFA

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Antifreeze and Anti-corrosion agent

TYPE	APPLICATION RANGE	PRODUCT CERTIFICATION
ULTRA-FREEZE AF 45	Storage of hydraulic components such as cylinders, pumps, valves calibration cylinders, pumps, valves, etc. Heat exchangers, e.g. for building cooling	Caterpillar,DMT, GOST

B HFC TYPE HYDRAULIC FLUID_{HFC}

Due to the careful selection of raw materials, our HFC products meet very high process requirements. The ULTRA-SAFE product series have been successfully used in the die casting industry for many years. It also has many further applications in the marine and military industries. Over the years, PETROFER has had a very good relationship with many OEMs in the die casting industry and has obtained various important certifications.

HFC - > 35% HFC Water-glycol-liquid, water content >35%

PRODUCT MODEL	APPLICATION RANGE	[mm ² /s]
ULTRA-SAFE 620 ULTRA-SAFE620D ULTRA-SAFE620UV	Casting Steel industry Mining industry It has been tested and approved by 7th Lux. report	> 41,0 < 45,0
ULTRA-SAFE 360	Casting Steel industry Mining industry Hydraulic fluids with increased viscosity	> 52,0 < 60,0
ULTRA-SAFE OX 40	Seawater Resistant Marine Hydraulic Fluid	> 42,0 < 46,0

HFC-E - < 20% HFC-E Water-glycol-liquid, water content <20%, Excellent anti-wear properties

PRODUCT MODEL	APPLICATION RANGE	[mm ² /s]
ULTRA-SAFE E 68	Mining, especially mobile hydraulic Roadheaders for tunnel construction Machines for road construction and forestry	ISO 68

PRODUCTION
GUARANTEED

C HFD TYPE HYDRAULIC FLUID HFD

The ENVOLUBRIC product series are synthetic, anhydrous hydraulic fluid with hydraulic properties similar to general hydraulic fluids. Due to its composition, the product exhibits excellent ageing and hydrolytic stability as well as excellent corrosion protection. In addition, it is advantageously characterized by a high flash point and high auto-ignition temperature.

HFD R HFD R ;HFD U HFD R based on phosphate ester;HFD U on synthetic ester

PRODUCT MODEL	APPLICATION RANGE	[mm ² /s]
ULTRA-SAFE 1120 (HFD-R)	Fluid coupling Steam and gas turbine control systems	ISO 46
ENVOLUBRIC HE 46 (HFD-U)	Foundry Steel industry Mobile hydraulics Factory Mutual Certification	ISO 46
ENVOLUBRIC HE 68 (HFD-U)	Foundry Steel industry Mobile hydraulics Factory Mutual Certification	ISO 68

HEPG HEPG Products based on polyethylene glycol

PRODUCT MODEL	APPLICATION RANGE	[mm ² /s]
ENVOLUBRIC PG 46 NWL	Foundry Steel industry Mobile hydraulics	ISO 46
ENVOLUBRIC PG 68 NWL	Foundry Steel industry Mobile hydraulics	ISO 68

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

- 1 QUENCHANTS
- 2 DIE-CASTING & FORGING MEDIA
- 3 FIRE-RESISTANT HYDRAULIC FLUIDS
- 4 METAL WORKING FLUIDS
- 5 METAL FORMING LUBRICANTS
- 6 INDUSTRIAL LUBRICANTS
- 7 INDUSTRIAL CLEANERS
- 8 RUST PREVENTATIVES
- 9 PAPER CHEMICALS
- 10 GREASES

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



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