



HYDRAULIC OILS
BED AND SLIDE LUBRICATION OILS
SPINDLE OILS
GEAR OILS
BIODEGRADABLE HYDRAULIC FLUIDS

INDUSTRIAL LUBRICANTS



PETROFER
industrial oils and chemicals

INTRODUCTION

Production processes in industry are highly individual and are technically evolving. PETROFER meets the constantly growing requirements of machinery with modern, specially formulated lubricants. Especially in hydraulics, transmissions, spindle lubrication and cooling, as well as for bed and slideway lubrication PETROFER offers individual, tailor-made solutions with highly specialised premium products.

Our customer partnership approach in industrial lubricants has helped our clients with:

- long lasting products due to high ageing resistance
- superb tribological properties
- energy reduction to operate the machinery

PETROFER's product range of lubricants provides our customers with a complete portfolio for the whole range of industrial processes. Advantages that benefit you and your company. Wherever equipment or machinery requires a lubricant we have the product of choice.

OUR PRODUCT RANGE

HYDRAULIC OILS ACCORDING TO DIN 51524-2

Our mineral oil based HLP type hydraulic fluids of the ISOLUBRIC range, are ageing resistant and contain active ingredients to increase corrosion prevention and have high pressure lubricity additives. They are available in ISO viscosity classes VG 10 to VG 220. PETROFER also offers ISOLUBRIC hydraulic oils with detergent properties (TYPE HLP-D). ISO viscosity classes: VG 46 and VG 68.

BED AND SLIDE LUBRICATION OILS

WAYLUBRIC OILS of the CGLP type are suitable for vertical and horizontal bedways and slideways, and are based on mineral oil and selected additives. ISO viscosity classes: VG 32 to VG 320 are available. They provide exceptional adhesion with high load carrying capability, providing optimum anti-stick slip properties. Good corrosion prevention and demulsifying properties add to the performance.

SPINDLE OILS

With the SPEEDLUBRIC RANGE, PETROFER offers high performance lubricants for use in high speed spindles in machining, grinding and textile applications. The range covers viscosity classes VG 5, VG 10 and VG 15.

GEAR OILS ACCORDING TO DIN 51517-3

Our GEARLUBRIC range comprises gear oils (type CLP) that are mineral oil based and are available in ISO viscosity classes VG 46 to VG 680. They conform to DIN/ISO 51 524 T 3 and provide outstanding Extreme-Pressure characteristics and corrosion prevention, consequently the products are applicable in all industry sectors.

BIODEGRADABLE HYDRAULIC FLUIDS

The SYNTOLUBRIC and ENVOLUBRIC range of specialised hydraulic fluids are based on natural and synthetic materials, and are available for niche applications subject to survey.

*“highly efficient,
reducing wear”*



YOUR BENEFITS

REDUCTION OF TOTAL COST OF OWNERSHIP

- long lasting products due to high ageing resistance
- lower risk of equipment failure thanks to excellent high pressure properties (EP additives) and excellent corrosion prevention

HIGHER PROCESS EFFICIENCY AND RELIABILITY

- technically advanced products for every application
- innovative, high quality products from finely selected raw materials
- superb tribological properties assist in energy reduction, rapid start-up and increased equipment life
- reduced maintenance downtime and component replacement through wear

IMPROVEMENT OF THE ENVIRONMENTAL BALANCE

- energy reduction to operate the machinery
- optimised lubricant consumption through ageing resistance
- proportionate use of selected secondary raffinates and sustainable additives

APPLICATION EXPERTISE

INDUSTRIAL SECTORS USING OUR PRODUCTS

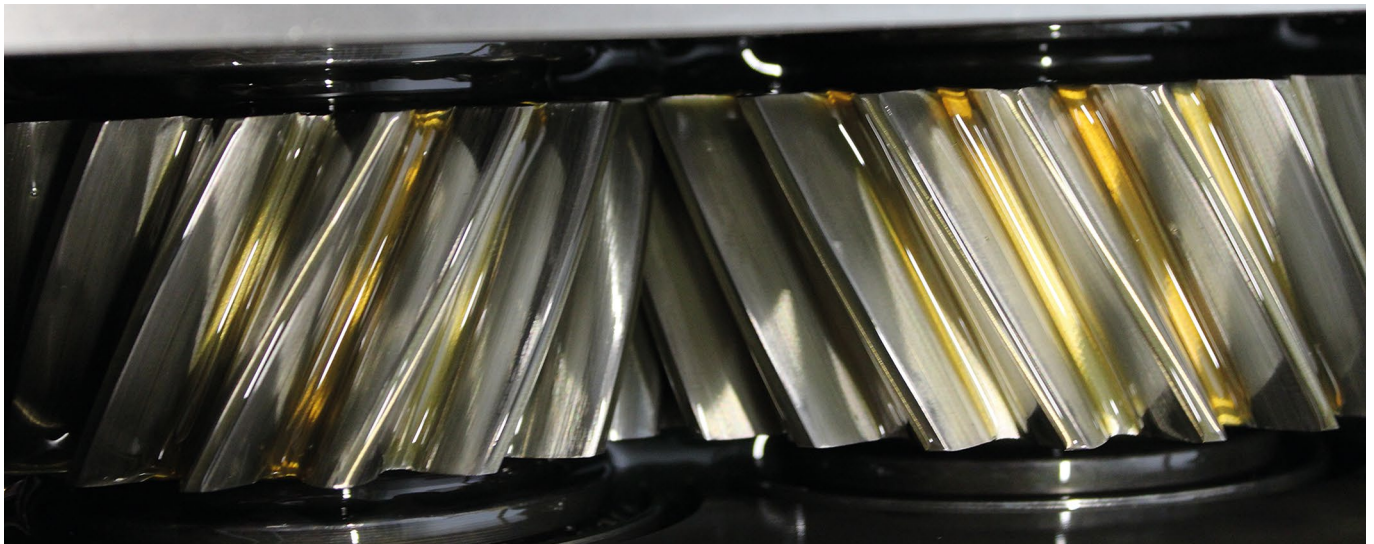
- aerospace, defence and marine
- agricultural and construction equipment with supply chain
- automotive and components supply chain
- casting and forging
- consumer, electronics, white and brown goods
- machine tool OEM's
- medical equipment
- mining, mineral and chemical industries
- paper/tissue/board production and conversion
- power generation
- pressings, extrusion, hydroforming and fasteners
- public transportation

APPLICATION EXAMPLES

The ISOLUBRIC types are used in many different hydraulic applications such as stamping presses, grinding machine bed movement, robots and broach presses. The GEARLUBRIC products are found in many industrial gear boxes such as on CNC machines, grinding machines through to power transmission on conveyors. Our WAYLUBRIC series has especially been developed for slideway lubrication such as in machine tools and also on toggle bars for high pressure die-casting machines.

HIGHLIGHT PROJECT

Replacing higher viscosity traditional mineral oils with lower viscosity Speedlubric grades has seen energy usage and spindle temperatures decline while higher rotational speeds are achieved in new ceramic bearing grinding machine spindles.



Industrial Gearbox

PETROFER is a system supplier and offers perfectly coordinated chemistry along the entire production process route.

1

HEAT TREATMENT

2

DIE-CASTING AND FORGING

3

FIRE RESISTANT HYDRAULIC FLUIDS

4

METALWORKING FLUIDS

5

METAL FORMING LUBRICANTS

6

INDUSTRIAL LUBRICANTS

7

INDUSTRIAL CLEANERS

8

RUST PREVENTATIVES

9

PAPER CHEMICALS

10

SUPPORT

For further information please visit or contact through our website
www.petrofer.com



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