

BIO PRODUCT RANGE



LIQUID TECHNOLOGY

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CLEANING

Product and description

Bio Liquid (U600146/49)

Bio Liquid is a grease-dissolving, biodegradable product for washbasins and parts cleaners. The product is fully regenerable using our tablets (Bio Tabs 4X SRBT). Bio Liquid ensures perfect degreasing and cleaning in a biological washbasin, such as our Solvobar bio.

Solvent substitute,
Biodegradable

Bio Tabs 4X SRBT (U600147/85)

Bio Tabs 4X SRBT are the regeneration tablets designed to keep Bio Liquid stable for a long period in a biological washbasin, such as our Solvobar Bio.

Solvent substitute,
Biodegradable

X-clean (U510021)

X-clean is a biodegradable hand soap that combines effective hand cleansing with nourishing moisturisation.

Hand soap,,
Biodegradable

SHP Multi HP 20L Bio (U510114/48)

SHP Multi HP 20L Bio is a biodegradable detergent. It can be used in various concentrations for industrial floors and equipment. SHP Multi HP can also be used in professional cleaning machines.

Cleaning,
Biodegradable,

Unil Dry Special (U510013/17)

Unil Dry Special is chemically inert: it does not react with contaminated liquids, but absorbs them very effectively. It can and may be used as cat litter. Granules measuring 1-3 mm².

Cleaning,
Environmentally friendly

SPECIAL

Product and description

Bio A 500 (U410127)

To prevent bitumen and asphalt from sticking to the inside and underside of vehicles and the hoppers of asphalt pavers. This product – even when diluted in water – can be applied in advance. It thus forms a protective film.

Biodegradable

GREASE

Product and description		
Syngreen Grease (U310030) (U310098) (U310103) (U310104)		
Syngreen Grease is a biodegradable, multi-purpose grease. This lubricating grease offers good mechanical stability, good load-bearing capacity and exceptional protection against corrosion.		Grease (NLGI 2), Biodegradable
Ecoviri Grease AS (U310225)		
Ecoviri Grease AS is a non-metallic, biodegradable alternative to traditional copper pastes for construction and assembly applications.		Zinc-free, Inert fibres, Biodegradable

DEMOULDING

Product and description		
Demoul Bio 50 (U230089)		
Demoul Bio 50 is an anti-oxidation protection and demoulding oil for continuous steel casting.		Demoulding, Biodegradeerbaar
Fluid GL (U120070)		
Fluid GL is a biodegradable hydraulic (HL) oil which, thanks to its physical properties, is also ideal for use as a mould release agent for the hot or cold forming of plastics. Fluid GL is colourless, odourless and water-soluble.		Moulding oil, Biodegradable, Hydraulics



HYDRAULICS

Product and description

Fluid Bio S

Fluid Bio S is a zinc-free, ester-based hydraulic oil (ISO 6743/3 HVLP) that is also biodegradable (OECD-301-D). It combines these properties with excellent temperature characteristics with a pour point of -40°C.

Zinc-free,
Biodegradable

Fluid Bio S22 (U220013)	ISO-VG 22
Fluid Bio S32 (U220015)	ISO-VG 32
Fluid Bio S46 (U220014)	ISO-VG 46

Hydro Fire

Hydro Fire oils are ester-based hydraulic oils for use at higher temperatures, such as in the mining industry, the steel industry, industrial furnaces and similar applications. This significantly reduces the risk of fire.

Fire-resistant,
Biodegradable

Hydro Fire 46 (U220097)	ISO-VG 46
Hydro Fire 68 (U220098)	ISO-VG 68



EU Ecolabel : NL/027/027

Product and description

Ecoviri Hydro

BBiodegradable ISO 6743/3 HV hydraulic oils based on synthetic esters. Biodegradability exceeds 70% within 28 days. Ecoviri hydraulic oils are HEES oils with pour points ranging from -55°C to -40°C and a very high viscosity index (VI) averaging 170. This makes Ecoviri hydraulic products highly versatile and suitable for use in both agriculture and industry.

Ecoviri Hydro 15 (U220282)	ISO-VG 15	
Ecoviri Hydro 22 (U220283)	ISO-VG 22	
Ecoviri Hydro 32 (U220284)	ISO-VG 32	EU Ecolabel certified
Ecoviri Hydro 46 (U220285)	ISO-VG 46	EU Ecolabel certified
Ecoviri Hydro 68 (U220286)	ISO-VG 68	



METALWORKING

Product and description	Viscosity at 40°C	
Microspray Bio E22 (U410197) Microspray Bio E22 is our flagship product when it comes to cutting oils. Microspray Bio E22 is fully biodegradable and can be used for any application, on any material (metal, plastic, etc.).	22 cSt	Full-bodied cutting oil, Sprayable, Biodegradable
Safelub Bio Safelub Bio can be used in any application involving the machining of metals, plastics and non standard materials. Safelub Bio is an environmentally responsible product when used as a pure cooling or cutting oil.		Full-bodied cutting oil, Biodegradable
Safelub Bio 35 (U410176)	35 cSt	
Safelub Bio E22 (U410171)	22 cSt	
Safelub Bio ST (U410187)	50 cSt	





Alpha Maintenance Systems is an active member of the Wearcheck International Group, an international consortium of oil analysis laboratories and processes approximately 30,000 samples per year. This amounts to around 300,000 individual analyses annually. The Wearcheck International Group brings together oil laboratories from Europe, North America, the United Kingdom, South Africa and Asia.

THE BENEFITS OF REGULAR OIL ANALYSIS

Oil analysis is an essential tool in the proactive maintenance of vehicles and machinery. Alpha Maintenance Systems' programme is based on the principle that machinery running on cleaner fuel, air and oil lasts longer and operates more efficiently, thereby boosting productivity and reducing costs.

DE VOORDELEN:

- **Cost savings:** oil analysis enables you to reduce maintenance costs and extend the service life of your machinery.
- **Higher productivity:** thanks to reduced machine downtime.
- **Peace of mind:** oil analysis acts as an early warning system.
- **Environmentally friendly:** oil analysis enables us to monitor the efficiency of the combustion process.
- **Added value:** Alpha Maintenance Systems' philosophy of forming long-term partnerships with customers offers added value in the form of clear communication, ongoing technical support, objective advice and a constructive approach.

KWALITEITSGARANTIE UNIL LUBRICANTS

Unil Lubricants works exclusively with Alpha Maintenance Systems. They are also commercially active in the field of condition monitoring. This enables us, through proactive maintenance, to offer solutions that can significantly extend the service life of your machinery.

Extensive quality control

All Unil Lubricants products are subjected to extensive quality controls before, during and after production. Upon receipt of the base oils and other raw materials, the production manager takes a sample of the delivered product. Only when the raw materials meet all the specified requirements are they accepted and put into production.

After a particular product has been manufactured, another sample is taken from the production vessel. This sample undergoes a similar range of tests to the first sample, checking viscosity at 40°C and 100°C, colour, viscosity index, as well as water content and the levels of phosphorus, zinc, magnesium, calcium and sulphur. In addition, products developed for specific applications may be subject to further critical tests.

After the products have been filled into smaller containers such as an IBC or a drum, a third sample is taken. This sample undergoes the previous tests again to ensure that quality is maintained from raw material to finished product.

Additional service

Customers of Unil Lubricants can also draw on the expertise of Alpha Maintenance Systems' laboratory services. By having regular analyses carried out, you are practicing proactive maintenance. A proactive maintenance approach focuses on the causes of machine wear and defects. This strategy enables significant savings in terms of machine maintenance, as action can be taken before a symptom or defect becomes apparent. In this way, we can extend the service life of mechanical machinery by up to 20 per cent.

This means you can be sure not only that you are getting the best product for your machine, but also that your machine can continue to run smoothly thanks to the best possible care.

If you would like to find out more about our laboratory activities and the analyses we carry out, please do not hesitate to contact your sales representative.





LIQUID TECHNOLOGY

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