

SERVICE LUB

OCTOBER 2013



EXPANSION PLANS

ADDITIONAL STORAGE TANKS

SPONSORING FILE

UNIL RACING TEAM

LUBEX COLLABORATION

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PRODUCT IN THE SPOTLIGHT

Opaljet Dream 0W30

**PROTECT YOUR ENGINE
IN EXTREME COLD!**

With Opaljet Dream 0W30, Unil Lubricants is launching a fully synthetic engine oil that complies with the strict requirements of the EURO 6 engines.

Thanks to the 0W30 degree your engine is protected in extremely cold temperatures (down to -35°C). Opaljet Dream offers the perfect protection for your engine and extends the life of the mechanical parts.

This engine oil also prevents particulate filters becoming blocked because of the very low content of sulphur and sulphated ash.



Tundra

**HYDRAULIC FLUID
FOR THE FREEZING COLD
OF SIBERIA**

The Tundra hydraulic fluids were purpose-developed for all hydraulic systems subjected to extremely low temperatures. These fluids are suitable for loading doors of ships and lorries, palletising machines in refrigerated rooms, loading and unloading doors, freezer units, etc.

Because of the extremely low pour point, the fluid is very suitable for use at temperatures as low as -45°C. The high-value formula contains additives that prevent both the wear and corrosion of parts. In this way Unil Lubricants guarantees optimum protection of your equipment.

The Tundra fluids comply with the norms DENISON HF0, DIN 51524 part 3 HVLP, ISO 6743 HV and NFE 48603 HV.

UNIL creates, innovates and informs...

For all the information on our products and services:

> tel. 02 365 02 00 or mail to info@unil.com (Belgium) or
> tel. 072 744 00 33 or mail to infol@unil.com (The Netherlands)

Pallas 725 15W40

**PERFECT ENGINE OIL
FOR HEAVY-DUTY
DIESEL ENGINES**

Pallas 725 is an SHPD oil [Super High Performance Diesel] that can be used both for daily transport and for public works.

This engine oil has been specially formulated to meet the most stringent diesel 4-stroke demands particularly those that meet Euro 4 and Euro 5 standards with DPF particulate filter [Diesel Particle Filter] and those using SCR technology with the AdBlue additive.

The very high shear stability of PALLAS 725 gives this oil a constant viscosity SAE 15W40 in the engine during its whole time of service. It ensures a long engine life due to its high protection against wear.

ADDITIONAL STORAGE TANKS

As part of its ambitious expansion plans, Unil Lubricants has been working hard on the installation of four new storage tanks over the past few months.

These four giants, with a height of 15 metres and a diameter of 4 metres, were installed in June of this year and provide an additional storage capacity of a whopping 600,000 litres.

Curious about the next steps in our expansion plans? Then make sure to regularly visit our new website or follow us on Twitter [@UnilLubricants] for the latest updates.

Curious about the next steps in our expansion plans?

Go to
www.unil.be

NEW STORAGE TANKS

NEW WEBSITE

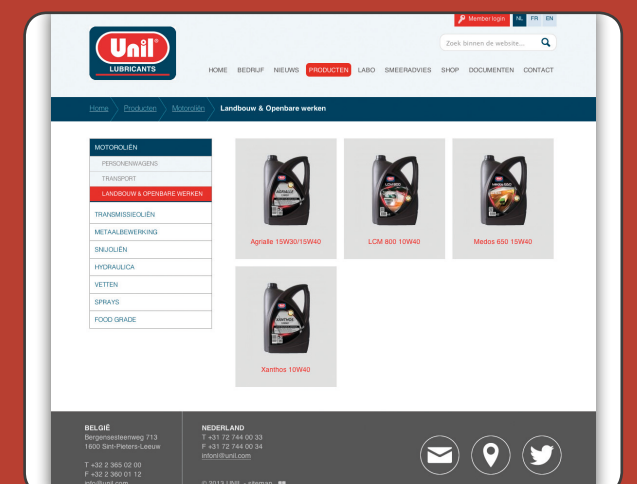
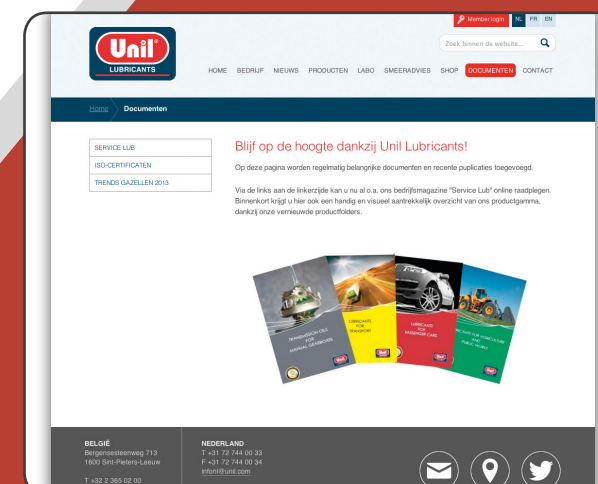
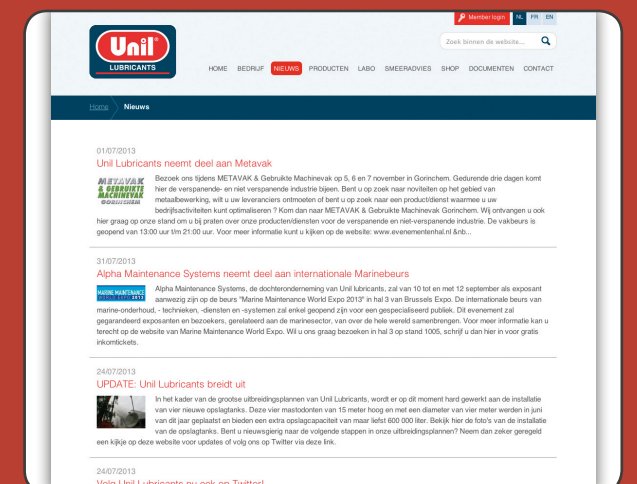
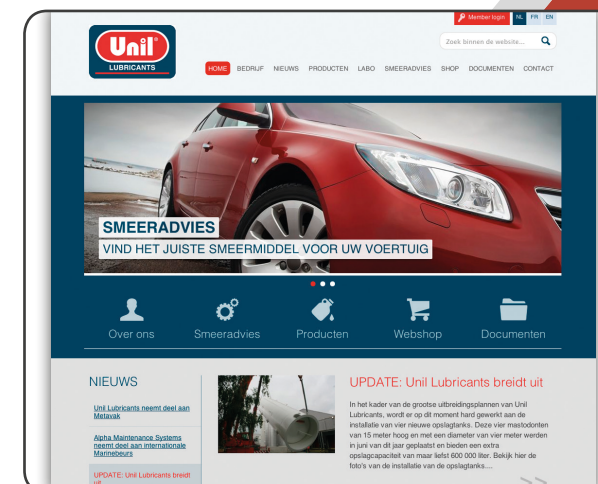
We are continuously moving forward in the area of communications too. Our new website was launched at the end of July. Not only has our website been completely redesigned, the content of the site has been put through a complete make-over. Henceforward you will have clear and easy access to our extensive product range, including direct links to the technical files. In this way you will find the product you are looking for in the blink of an eye!

We will also add info on our many projects, activities and promotions on a regular basis. So keep an eye on this website over the coming weeks!

- INNOVATION -

To offer you the best possible service, Unil Lubricants is always looking for new innovations and product developments.

NEW WEBSITE



PRODUCT	APPLICATIONS	BASE OIL	ISO-VG	Av. Visc. Index	NORMS	SPECIFICATIONS
HVX	For industrial and mobile systems that are subject to large temperature variations and/or work under very high pressures.	Mineral	22, 32, 46	205	ISO 6743 HV · DIN 51524 part 3 HVLP NFE 48603 HV · DENISON HFO VICKERS M 2950 S · VICKERS I 266 S FORD M6C 32 · US STEEL 127 and 136	<ul style="list-style-type: none">• Very high viscosity index• Good shear stability• Anti-wear additive based on stabilised zinc• Excellent oxidation resistance• Very good filterability• Very low pour point
HVD	For industrial and mobile systems that are subject to large temperature variations and/or work under very high pressures.	Mineral	15, 22, 32, 46, 68	165	ISO 6743 HV DIN 51524 part 3 HVLP NFE 48603 HV DENISON HFO VICKERS M 2952 S	<ul style="list-style-type: none">• Very high viscosity index• Good shear stability• Anti-wear additive based on stabilised zinc• Excellent oxidation resistance• Very good filterability• Very low pour point
HVC	For industrial and mobile systems that are subject to large temperature variations and/or work under very high pressures.	Mineral	15, 22, 32, 46, 68, 100	185	ISO 6743 HV · DIN 51524 part 3 HVLP NFE 48603 HV · DENISON HFO VICKERS M 2950 S · VICKERS I 286 S FORD M6C 32 US STEEL 127 and 136	<ul style="list-style-type: none">• Very high viscosity index• Good shear stability• Anti-wear additive based on stabilised zinc• Excellent oxidation resistance• Very good filterability• Very low pour point• Fluo-green colour
HVB	For industrial and mobile systems that are subject to large temperature variations and/or work under very high pressures.	Mineral	15, 22, 32, 46, 68	155	ISO 6743 HV · DIN 51524 part 3 HVLP NFE 48603 HV · DENISON HF2 VICKERS M 2950 S · VICKERS I 286 S US STEEL 127 and 136	<ul style="list-style-type: none">• Very high viscosity index• Good shear stability and filterability• Anti-wear additive based on stabilised zinc• Excellent oxidation resistance• Very low pour point• Red colour
HYDRO HVI	For mobile systems that are subject to large temperature variations and/or work under very high pressures.	Mineral	32, 46, 68	150	ISO 6743 HV · DIN 51524 part 3 HVLP NFE 48603 HV · DENISON HF2 VICKERS M 2950 S VICKERS I 286 S US STEEL 127 and 136	<ul style="list-style-type: none">• Very high viscosity index• Good shear stability• Anti-wear additive based on stabilised zinc• Excellent oxidation resistance• Very good filterability• Very low pour point
HYDRALUX HV	For industrial and mobile systems that are subject to large temperature variations and/or work under very high pressures in extremely humid conditions.	Mineral	22, 32, 46, 68	160	ISO 6743 HV DIN 51524 part 3 HLP-D NFE 48603 HV VICKERS M 2950 S · VICKERS I 286 S MAN N 698	<ul style="list-style-type: none">• High water absorption capacity• Good hydrolysis resistance and high detergent capacity• Very high viscosity index• Good shear stability• Anti-wear additive based on stabilised zinc• Excellent oxidation resistance• Very good filterability• Very low pour point

Hydraulics

HYDRO NT	For hydraulic systems with high internal thermal loads [hot spots] that require high oil purity.	Mineral	46, 68	100	1806743 HM DIN 51502 HLP-D DIN 51524 part 2 HLP DENISON HFO	<ul style="list-style-type: none">• Zinc-free anti-wear additive• High purity [category NAS 6]• Detergent and cleaning properties• Excellent filterability, also in the presence of water• Very high thermal stability
HFS	For industrial and mobile systems for which a category HM hydraulic oil is prescribed.	Mineral	15, 22, 32, 46, 68, 100, 150, 320	100	ISO 6743 HM · NFE 48603 HM DIN 51524 part 2 HLP · DENISON HFO US STEEL 127 and 136	<ul style="list-style-type: none">• High purity category due to 3µ filtration [category NAS 6]• Zinc-free anti-wear additive• Excellent oxidation resistance• Excellent filterability, even in the presence of water• Low pour point
HYDRO S	For industrial and mobile systems for which a category HM hydraulic oil is prescribed.	Mineral	15, 22, 32, 46, 68, 100, 150, 320	100	ISO 6743 HM · DIN 51524 part 2 HLP US STEEL 127 and 136 · DENISON HFO NFE 48603 HM	<ul style="list-style-type: none">• Zinc-free anti-wear additive• Excellent oxidation resistance• Excellent filterability• Low pour point
HFO	For industrial and mobile systems for which a category HM hydraulic oil is prescribed.	Mineral	32, 46, 68	100	ISO 6743 HM · DIN 51524 part 2 HLP NFE 48603 HM · DENISON HFO VICKERS M 2952 · VICKERS I 286 S FORD M6C 32 · US STEEL 127 and 136	<ul style="list-style-type: none">• Anti-wear additive based on stabilised zinc• Excellent oxidation resistance• Excellent filterability• Low pour point
FLUID BIO S	For all systems for which a biodegradable oil is recommended or required.	Synthetic	22, 46	160	ISO 6743 HV CEC-L-33-A-93	<ul style="list-style-type: none">• Biodegradable• High viscosity index• Excellent shear stability• Good resistance to wear and oxidation• Very low pour point
FLUID BIO	For all systems for which a biodegradable oil is recommended or required.	Vegetable-based	32	220	ISO 6743 HV CEC-L-33-A-93	<ul style="list-style-type: none">• Biodegradable• Very high viscosity index• Excellent shear stability• Good resistance to wear and oxidation
HYDRO FIRE	For all systems for which low-flammable oil is recommended or required.	Synthetic	46, 68	180	ISO 6743 HFDU · NFE 48602 HFDU French coal mines M82-659-2 category HFDU Factory Mutual Research	<ul style="list-style-type: none">• Very low flammability• High viscosity index• Excellent shear stability• Good resistance to wear and oxidation• Very low pour point• Good biodegradability
TUNDRA	For all hydraulic systems that are subject to extremely low temperatures. These fluids are suitable for loading doors of ships and lorries, palletising machines in refrigerated rooms, loading and unloading doors, freezer units, etc.	Mineral	15, 32	390 [ISO VG 15] 270 [ISO VG 32]	ISO 6743 HM · DIN 51524 part 2 HLP NFE 48603 HM · DENISON HFO VICKERS M 2952 · VICKERS I 286 S FORD M6C 32 · US STEEL 127 and 136	<ul style="list-style-type: none">• Exceptionally low pour point• Suitable for use at temperatures as low as -45°C• Good shear resistance to viscosity index improver• Resistant to wear and corrosion• Offers optimum protection for the machinery• Compatible with other hydraulic oils



REGULAR OIL ANALYSES THE BENEFITS

Oil analysis is an essential tool in the proactive maintenance of vehicles and machines. Our "Alpha Maintenance Systems" laboratory programme is based on the principle that machines that run on cleaner fuel, air and oil have a

longer life and operate more efficiently. This improves productivity and cuts costs.



Oil analyses offers substantial advantages at various levels:

- Cost savings: using oil analysis we can reduce maintenance costs and extend the life of your machines.
- Higher productivity: by reducing machine downtime.
- Peace of mind: oil analysis can be

used as an early warning system.

- Environmentally friendly: using oil analysis we can monitor the efficiency of the combustion process.
- Added value: the Alpha Maintenance Systems philosophy of

entering into long-term partnerships with customers offers added value in the form of clear communication, ongoing technical support, objective advice and a constructive relationship.

VISIT UNIL LUBRICANTS AT METAVAK IN GORINCHEM

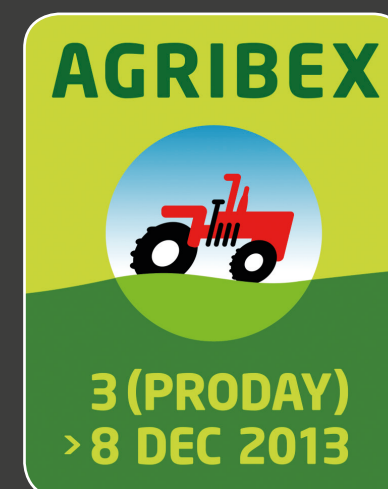
Visit us during METAVAK & Used Machinevak on 5, 6 and 7 November in Gorinchem, where the machining and fabricating industry gets together for three days. Are you on the look out for innovations in the area of metal processing, would you like to meet your suppliers or are you looking for a product/service to optimise your business activities? Come to METAVAK & Gebruikte Machinevak in Gorinchem.

Our representatives look forward to welcoming you at our stand and getting to know you or just having a chat.

Don't want to miss this trade fair?

The fair is open from 1 pm to 9 pm.
For more information, visit:
www.evenementenhal.nl

AGRIBEX in Brussels Expo



Over the years, Agribex has developed into a unique event where farmers, contractors, supplier representatives, authorities, researchers and the general public get together.

an exhibitor at the agricultural fair "Agribex" in Brussels Expo from 3 to 8 December 2013.

As always, Unil Lubricants will be

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www.unil.com

RACING TEAM

Unil Lubricants RACING TEAM



In the course of 2013 Unil Lubricants has for the first time entered into a number of partnerships in the world of car racing. Our first steps on the racing tracks have already seen a number of good results.

For the FIA European Hill Climb Championship, Unil Lubricants took under its wing the Czech team [with Jaromir Maly, Oskar Benes, Dominika Benesova and Dan Blaho]. This international race was held in 11 wonderful European locations.

The four striking Unil Lubricants cars could also be proud of their sporting achievements. In addition to five final wins, a member of the Czech team won a place on the podium in every race. In the final ranking, Jaromir Maly ended just

next to the podium in fourth place.

More information: www.fia.com

Unil Lubricants was also active in Belgium and the Netherlands. Unil had a prominent presence in the Supercar Challenge with the cars of the Ukrainian team led by Leonid Protasov who is extremely popular in his own country.

This collaboration will undoubtedly be repeated. These cars can also be seen in 2014 at Zolder, Francorchamps, Assen, Zandvoort and other locations.

More information: www.supercar-challenge.nl

NEW DISTRIBUTOR



This year, Unil Lubricants has entered into a new collaborative venture with Lubex Belgium & Luxembourg. Starting April 1st, Lubex will be responsible for the distribution of our products in the southern part of Belgium and the Duchy of Luxembourg.

has specialised in the distribution of all kinds of lubricants. Unil Lubricants is convinced that Lubex, with its experience and specialised trilingual [French, German and Luxembourgish] sales team, will continue to improve service quality to Unil customers within the large region around Luxembourg.

The aim of Unil Lubricants has always been to guarantee optimum service to our customers by means of high-quality products, specialised representatives and an optimised logistics network. Within this framework Lubex is the perfect partner.

For more than 30 years now, Lubex



- LUBEX -

For more than 30 years now, Lubex Luxembourg & Belgium has specialised in the distribution of all kinds of lubricants

COLLABORATION

 OFFER

FREE

Audit proactive maintenance BY OIL ANALYSIS

Are the
lubricants
in your company
optimally managed?

Unil Lubricants is giving away
5 FREE AUDITS!

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713 Bergensesteenweg,
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Tel. 02 365 02 00
Fax 02 360 01 12
info@unil.com
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