



OESTNEWS



NEW FORMING LUBRICANT OEST PLATINOL B 804/3 COW-1 GETS VDA STATUS 4 RELEASE

The new forming lubricant Oest Platinol B 804/3 COW-1 got the status 4 release according to the testing guidelines VDA 230/213 from the VDA working group for forming lubricants.

The tailor-made innovation from the Oest laboratory corresponds to the complex requirement profile of the OEMs in the motor vehicle and commercial vehicle sector and may therefore be used in their sheet pressing plants as well as in the supplier pressing plants without limitations. During the manufacturing of pressed parts for the external shell of vehicles and of technical

moulded parts from demanding materials such as deep drawing steels DC, DX, high-strength steels and aluminium materials, the new high-performance lubricant Platinol B 804/ 3 COW-1 contributes to increasing the efficiency. The universal release of the lubricant also facilitates, for all pressing plants, parts production without the annoying oil change during the process.

Extensive testing procedure at the development stage itself

"Such an innovation is always based on continuous fundamental research and experiences from the practical use by the customer. The challenge however lies in the extensive and extremely time-consuming laboratory experiments and on-road tests, which must correspond to the customer-specific release routines at the early project stage itself", explains Fritz-Otto Sinn, Product Manager, Forming Lubricants, Oest. The release of a new forming lubricant according to VDA requires multiple steps that are based on each other. The flat roadway friction test showed that Oest Platinol B 804/ 3 COW-1 facilitates considerable reduction in the friction coefficient of the tested deep drawing materials and significantly delays the initiation of the stick-slip effect.

Good forming results in the series

Oest Platinol B 804/ 3 COW-1 can be removed, pasted over and painted without process limitations – all automobile manufacturers could issue their individual release. In the series production, Oest Platinol B 804/ 3 COW-1 distinguished itself through significant reduction of the reject

rates, best-possible application capability as well as reduced lubricant consumption. Good forming results were achieved on all materials, which are common in sheet forming, e.g. ST, DC, DX, on high-strength steels and aluminium. Fritz-Otto Sinn gives a positive summary: *"With our new forming lubricant, we have proven in the practical use that despite these challenging conditions, even the most difficult forming processes can be realised with optimal results thanks to Platinol B 804/ 3 COW-1."*

Good results on all common materials

With its forming lubricant, Oest fulfils the high requirements of sheet forming in the automobile sector and corresponds to state-of-the-art technology. Fritz-Otto Sinn emphasises: *"For our customers, this innovation for sheet forming in car body pressing opens up considerable potentials for sustainable process optimisation."*

More information at www.oestgroup.de or can be gladly provided personally by our expert advisers.



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RALLY ÖSTOL BAIERSBRONN CLASSIC

On the last day of the new edition of the first racing competition after the Second World War in 2013, the excitement for 2014 is already burgeoning. On Saturday, 80 participating teams started at exactly the same starting point as that in 1946.

In spite of the pouring rain, the enthusiasm of the audience was overwhelming. There were numerous photographing spectators behind the start tower in the middle of the



road. In the very style of the rally pictures, which we know from the 70s and 80s, more than 30,000 spectators formed a thick guard of honour for the 100 pilots of the classic vehicles.

Special complement to the organiser and mainly to the many helpers, who gave a very special touch to the rally Saturday in the Northern Black Forest with perfect service and contemporary outfit. Doris Mittwoch, Richard Stolz and the committed Baiersbronn Tourism laid the foundations for another rally classic, which will, in future, take up a permanent position among old-timer lovers. Culinary highlight was the closing evening with the gala menu created by top chefs from Baiersbronn, who are among the best in Germany not only due to the Michelin stars.

The next Baiersbronn Classic will take place from 25th to 28th September. We are already looking forward to an exciting race.

ELLEN LOHR NEW BRAND AMBASSADOR

Ellen Lohr wrote motor sports history with her race victory in the German touring car championship [DTM]. She is the first and only woman, who has won a DTM race.

Today, Ellen Lohr is mainly active in truck sports and old-timer rallies. She can also be seen in action in the Dakar Rally. "We are very much looking forward to the future cooperation with Ellen Lohr", says Alexander A. Klein, Chairman of the Board of Management of the Oest Group. As an expert of

the classic scenario, Ellen Lohr too is very fond of the brand Östol. She wants to "test-drive" the Original T2 Östol-Bulli at the next opportunity, said the Brand Ambassador, who is already active for Mercedes-Benz, during the official announcement of the partnership in the Motorworld in Sindelfingen.



AVIA XPRESS-FILLING STATION IN FREUDENSTADT

The new automatic filling station on Wittlensweiler Straße can be used round-the-clock. The filling facility has the highest standard, e.g. AdBlue fuel dispenser, high-performance fuel dispenser for trucks with 120 L/Min as well as optimally reachable filling areas for all common fuel types. The favourably located filling facility offers optimal service to private customers; major customers and operators of large vehicle fleets also benefit from the comfortable billing using AVIA-CARD. The filling facility was ceremoniously inaugurated in a big family festival in beautiful weather.



FOR OLD-TIMER OWNERS

When it comes to engine lubrication of their vehicles, many old-timer owners rely more or less on their personal experiences. But none of them has the know-how from 100 years of experience like that of Oest. Even in the solitude races of the 20s and 30s, the drivers trusted Östol. In the recent years, Östol has re-intensified its presence in the old-timer market. For the company, the first Baiersbronn Classic Rally was a quasi home game. There, it was no surprise that Oest, as main sponsor and oil expert of the event, supplied to the 80 participants. Oil for classic engines is highly mystified and the customer must believe in it. Or he/she can rely on the wealth of experience of a competent manufacturer. Östol old-timer oils are available in ten different types. All the information on the special types as well as the areas of application is available at www.oestol.de.

TRADE FAIR DATES

Retro Classics

Stuttgart Trade Fair
13th – 16th March 2014

The whole world of automobile classics

GrindTec

Augsburg Trade Fair
19th – 22nd March 2014

International trade fair for grinding technology

Tube®

Düsseldorf Trade Fair
7th – 11th April 2014

International trade fair for tubes, pipes, Manufacturing and processing

UNITI expo

Stuttgart Trade Fair
3th – 9th June 2014

The new leading trade fair of the world of filling stations

INTERFORST

Munich Trade Fair
16th – 20th July 2014

Leading international trade fair for forestry and forestry equipment

RETRO RACE

Stuttgart Trade Fair
19th – 20th July 2014

Mythos Solitude

AMB

Stuttgart Trade Fair
16th – 20th September 2014

International exhibition for metal processing

IAA-Nutzfahrzeuge

Hanover Trade Fair
25th September – 02nd October 2014

International automobile exhibition

Forst & Holz

Chemnitz Trade Fair
26th – 28th September 2014

Trade fair for forestry

VETERAMA

May market area, Mannheim
10th – 12th October 2014

The largest vintage car parts-technology market in Europe

EuroBLECH

Hanover Trade Fair
21st – 25th October 2014

International technology trade fair for sheet processing



FIT FOR FUTURE FORMALDEHYDE-FREE COOLING LUBRICANTS

In June 2015, formaldehyde may be classified as carcinogenic cat. 1B. This will also concern the "formaldehyde depot substances", a wide and effective class of bactericides for the preservation of cooling lubricants. At present, the demand for formaldehyde-free cooling lubricants is increasing. Oest has anticipated this trend in good time. The products of the **Colometa P series** are not only formaldehyde-free, but are also fully bactericide-free! In the meantime, **Colometa EPA 48 P** has conclusively proven itself as the top seller of

the **Colometa P series**. In practice, the outstanding stability is praised in all use cases. In demanding machining processes as well as in case of steels, high-strength steels and tough aluminium alloys, the application concentrations could also be significantly reduced thanks to the very high machining performance. As a result, the skin-friendly formulation could also gain full acceptance: in the 2-year field testing phase, there was not a single case of skin irritations! Users of **Oest Colometa** are thus "fit for future"!



NEW EXPORT PARTNER IN CZECH REPUBLIC

Since the beginning of 2014, Classic Oil s.r.o. is the new exclusive partner of Georg Oest Mineralölwerk in the Czech market. The family business founded in 2007 has its registered office in Kladno, to the north of Prague. A fully equipped, new administrative building with a new warehouse was set up here in 2013.

Classic Oil s.r.o. operates a production facility for radiator antifreeze for the application in the automotive and industrial sector. In future, Classic Oil s.r.o. will sell particularly the water-soluble cooling lubricants, forming lubricants and anti-corrosive agents developed and produced at Oest for the metal processing industry with a highly trained team.

In its sales activities, Classic Oil will be supported by Mr. Pavel Kozelek, Oest Country Manager for Czech Republic and Slovakia.

GLUING SYSTEM FOR THE MANUFACTURING OF FIREPROOF DOORS

In a new field of application, beyond the wood industry, Oest Mechanical Engineering could deliver a large surface gluing system for the Hörmann plant in Freisen.

The company manufactures fireproof doors from steel since nearly 50 years. In the new production facility, the individual materials of the fireproof doors are glued with single-component PUR glue. The delivered Oest system is equipped with a movable gluing portal, at the axes of which a 2,500 mm wide surface application head Oest PROFITAC with 104 glue nozzles is suspended. It is also possible to spare unglued sections for

windows in different shapes within a door panel. This requires very high precision of the switching points of the glue valves as well as flexible adjustment of the dose quantity. This was resolved with the high-pressure diaphragm dosing pumps developed by Oest. Depending on the application scenario, the glue quantity can be automatically controlled during the gluing process and evenly spread, flat application quantity can thus be ensured. The scope of delivery also included the complete component handling. All components are also controlled by Oest and thus ensure a smooth flow within the system.



50 YEARS OF OEST MECHANICAL ENGINEERING

1964 is considered the birth year of the present Oest Mechanical Engineering

The idea of developing "devices for making glue mixtures" for the then still young particle board industry originated in the application technology for paraffin emulsions of Georg Oest Mineralölwerk. In 1965, Oest was issued the first patent for this. The obtained know-how about the dosage and mixing of glues improved over the years and Oest successfully involved itself in the production of wood glue,

the manufacturing of panel materials as well as the furniture and door industry. In 1994, the Mechanical Engineering Department was hived off as a subsidiary under the name Oest GmbH & Co. Maschinenbau KG. In 2008, the management decided to construct a new, modern corporate building, since the space in the previous premises was no longer sufficient. Oest Maschinenbau today belongs to leading manufacturers of machines for dosage, mixture and application of glues in the wood industry. An



export share of over 80% confirms the international acknowledgement of this mechanical engineering specialist.

Besides the development and strengthening of its market position, the company plans to expand its scope of activity in future towards new automation solutions for a wide range of materials.

K30 RUN IN FREUDENSTADT



Health and fitness too are among the popular topics at Oest. The K30 Run will take place on 30th August on the initiative of a sports designer and the city of Freudenstadt, naturally with Oest as sponsor.

With hardly any publicity, some Oest colleagues have already come together and enrolled for the relay race – one relay of Mineralölwerk and Maschinenbau each as well as a “mixed relay” from the Group.

“NEW TRAINEES GET MENTORS AND AN INSIGHT INTO THE DAILY BUSINESS RIGHT FROM THE FIRST DAY”

Two trainees and a DH student were highly excited in last September. To make the entry easy for them, the new trainees were welcomed to the Oest Group with a two-day induction programme and were personally greeted by the Chairman of the Board of Management Alexander A. Klein. Besides important information about the company and the training, they got the opportunity to get to know their personal mentors and future trainee colleagues wi-

thin the scope of team-building activities. The programme also included a very interesting business management and an exciting business rally. These two days were organised mainly with the energetic support of the trainees in the second year of apprenticeship.



WE WELCOME AT OEST



Gerhard Darcis has taken over the management of Oest GmbH & Co. Maschinenbau KG.

Mr. Darcis has extensive knowledge and experience in mechanical and plant engineering. He started his career as a design engineer and was last the Head of the Technology Department and member of the Board of Management of Hans Lingl Anlagenbau und Verfahrenstechnik GmbH & Co. KG. “With his experience and specialist knowledge in the field of machine and plant engineering and particularly also in automation, Gerhard Darcis will provide valuable growth impulses for the existing and even new applications in related sectors in Oest Maschinenbau”, says Alexander A. Klein, Chairman of the Board of Management of the Oest Group.

His objectives are clear, “leading the Technology Department in the core area of Oest Maschinenbau and opening up new applications”, says Gerhard Darcis.



Daniel Zoncu is a new Application Engineer at Oest.

Mr. Zoncu is Cutting Machine Operator and has practical application experience in metal processing and tool making. He has also successfully completed further education to become a Bachelor Professional of Metal Production and Management. With supplementary trainings, Mr. Zoncu extended his knowledge in the field of industrial safety, environmental and health protection as well as in REFA work organisation and in Quality Management.



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