

BALTTRIB' 2009

At the recent Fifth International Scientific Conference BALTTRIB' 2009, held in Kaunas, Lithuania, 19-21 November 2009 a series of interesting papers, from a lubrication point of view, were presented.

One presentation in particular caught my eye and should be of interest to LUBE Magazine readers. Who knows what novel additives may come of these scientific works?

For completeness, I list below an outline of the papers, presented under the Lubrication and lubricants proceedings: -

Lubrication and lubricants

Numerical and experimental evaluation of lubricant film thickness and contact pressure in ehl contact of dented surfaces

M. Vaverka, J. Šesták, M. Vrbka, I. Křupka, M. Hartl

Institute of Machine and Industrial Design, University of Technology Brno, Czech Republic.

Effects of zddp and chlorinated paraffins on Lubricant film in twist compression tribotest

*S. J. Asadauskas *, G. Bikulčius *, T. G. McClure **, J. R. Mieczkowski ***, G. Biresaw *****

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** TribSys LLC, Valparaiso, Indiana, USA *** Fuchs Lubricants Co., Harvey, Illinois, USA.

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Lubricity And Surface Properties Of Selected Imidazolium Based Ionic Liquids

T.J.Kaldonski, T.Kaldonski**

Department of Tribology, Surface Engineering and Logistics of Maintenance Fluids, Military University of Technology, Poland.

Testing of lubricant films, coated on steel surface, in electrolytic cell

A. Griguzevičien, S. Asadauskas, E. Moroz, D. Bražinskien
Tribology Group, Institute of Chemistry, Vilnius, Lithuania.

Filterless fine scale separation in lubrication circuits of cold rolling mills

T. Reichardt, S. Eickenberg**, O. Junk***, R. Imkamp*****

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** Cymatec GmbH, Freiheitsstrasse 155b, 42853 Remscheid, Germany.

*** ThyssenKrupp Nirosta GmbH, Hildener Strasse 80, 40597 Düsseldorf, Germany.

**** C.D. Wälzholz GmbH, Breddestrasse 45, 58840 Plettenberg, Germany.

Thermal aspects on the rheology of lubricating greases

A.V.Radulescu

Department of Machine Elements and Tribology, University POLITEHNICA Bucharest, Romania.

Study of tribological properties of lubricating composites

A. Pogosian, W. Saroyan*, C. Boniatian**

*State Engineering University of Armenia, Armenia

Analysis of tribotechnical characteristics of engine oils boundary lubricating layers

A. A. Dyuzhev, S. V. Korotkevich**, N. F. Solovej*, O. V. Kholodilov****

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**Gomelenergo, Belarus.

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Non-destructive method for assessing thin oil films

H. Cesiulis, N. Tsyntsaru***

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** Institute of Applied Physics ASM, Akademiei str. 5, Chisinau, Moldova.

The effect of some additives on the tribological properties and modification of metallic surfaces during the sliding friction

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