



Oil Analysis
& Research

ABSTRACT OF THE CONFERENCE

Assessment and verification of environmental acceptable hydraulic fluids according to the European Ecolabel's revision

The new European Ecolabel's target is to give clear information for user, limit the pollution of the aquatic environment, exclude or restrict some substances, promote the sustainability and check the lubricant's performances. This presentation will focus on hydraulic fluids which is part of the Accidental Loss Lubricant's category (ALL).

Whether for individual components, main components or fully formulated hydraulic fluid, this paper is a practical approach to examine which information and related tests are necessary to fulfill the EEL's application form and to check the compliance in respect with the actual criteria, mainly :

- ✦ Excluded or limited substances
- ✦ Aquatic toxicity
- ✦ Biodegradability and bioaccumulative potential
- ✦ Origin, traceability and advertising on renewable raw materials
- ✦ Minimum technical performances linked to specifications ISO 15380 and ISO 12922 (Fire resistant hydraulic Fluid)

The technical performance evaluation included the anti-wear and anti-corrosion tests, the seals compatibility, the oxidation resistance and the surface properties will be explained. The interpretation of the results will be done in comparison with existing specifications.

Vincent Bouillon, BfB Oil Research Expert



Participate at this Conference :

Place : Lubmat Congress 2018
San Sebastian (Spain)

Date : Thursday 5th June
At 1pm in Room N.2



BFB OIL RESEARCH

PARC SCIENTIFIQUE CREALYS - RUE PHOCAS LEJEUNE 10 - 5032 LES ISNES - BELGIQUE

T. +32 81 58 53 00 - F. +32 81 58 53 08 - contact@bfblab.com

SA AU CAPITAL DE 123 946€ - RC 68689 - TVA BE 0453 766 394

WWW.BFBLAB.COM