

The Classics

Description

Among the classics of the analytical chemistry, regular tests are frequently required by the industry in order to characterize its lubricants in use or before use. These tests do not correspond to standard tests, but can be adapted on demand to measure, check or validate other conditions than standard conditions. These various analyses are the most common. A lot of other tests are available on demand : please feel free to contact us.

Available Techniques



pH meter, acid / base titration, determination of the neutral points

Potentiometric titration, specific electrodes: TAN-TBN, iodine index, saponification index, general chemical titration by potentiometric analysis



In the case of low water content, Karl Fisher allows the determination of this content in some medias. Dry extract can also be conducted for the quantification of water and volatil compounds content of your lubricants or for the follow up of the water dilution rate of your lubricant in use.

The dynamic viscosity can be evaluated using this Brookfield like viscosimeter, from room temperature up to 150°C. These measurements allows the follow up of your lubricants in use or the determination of the viscosity of non newtonian fluids.



This cone penetrometer allows the determination of the consistency of greases in agreement with the standard emthod ASTM D217 – "Standard test methods for cone penetration of lubricating grease". It allows also the classification on the basis of the NLGI standard.

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