ICP-MS AND ICP-OES ANALYSIS OF ORGANIC MATRICES

Practical Solutions from Lubricants to Petrochemicals and Beyond

The analysis of organic matrices presents specific challenges to both ICP-MS and ICP-OES owing to the abundance of carbon containing compounds and different volatility as compared to aqueous solutions. In this session we discuss the implications for correct instrument setup to achieve reliable, interference-free results. Application examples are presented from petrochemical field, wear metal analysis of lubricating oils, and high purity solvent analysis. Instrumental features relevant for high analytical performance for these applications will be discussed.

Speaker:

Dr. Helmut Ernstberger,

Principal Application Scientist Inorganic Analysis, PerkinElmer

Live-Webinar

October 27, 2026

9:30am CET

Register today

Key topics:

- Understand the challenges of organic sample matrices analysis with ICP-MS and ICP-OES technology
- Optimize strategy to confidently achieve great performance in routine analysis
- Learn best-practice solutions to address organic sample investigation
- Review practical applications

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