

Particle Size Distribution

Description

Based on the analysis of diffracted light, the Particle Size Distribution (PSD) with Laser Diffraction Method allows the determination of the relative amount of particles, sorted according to size, in your samples ranging from 40nm to 500µm. Equipped with a water cell and an organic cell, PSD Laser will give you the distribution of the particles dispersed in your water-based, oil-based or organic solvent-based lubricants.

Conditions

Analyzable solutions

Water, mineral oil, synthetic oil, vegetal oil, solvents (alcohols...), ...

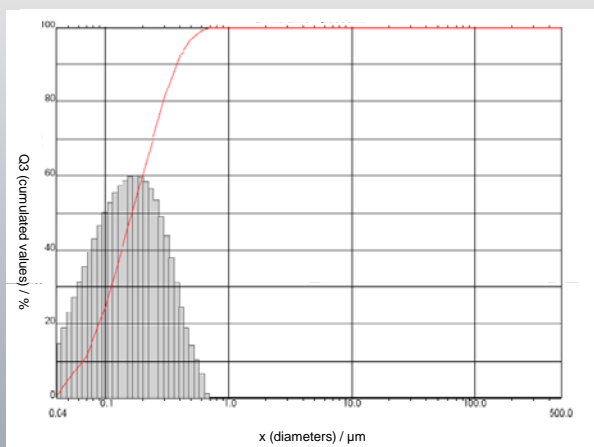
Analysis methods

Mie and/or Fraunhofer

Particle size range

40nm to 500µm

Results



☑ Graphic Representation

☑ Numeric Datum

☑ Dvalues (ex : D_{10} , D_{50} , D_{90})

InS

Innovation

Nanomaterials

Strategy

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