

**Certificate of Analysis  
Part No. B2916  
Lube Oil Standard**

Certificate Number 371010  
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**Weight Percent Sulphur = 4.07**  
**Standard Deviation = 0.32**

**High Purity Materials/Standards used:  
T-Butyl Di-Sulfide**

**Methods used for analysis:  
ASTM D 5453-93, D 2622**

This standard was produced gravimetrically using high purity materials, with balances calibrated and checked by precision NIST traceable weights and verified using the above ASTM test methods. The precision value represents the 95% confidence limit ( $k=2$ ) derived from analysis and errors from weighing. When necessary, professional judgment is applied toward consideration of data and statistical information. Normal ASTM procedures should be employed when using this standard. This includes using the reproducibility and repeatability factors for the ASTM method you wish to employ.

**Notes:**

Before use, the contents of the bottle should be mixed through vigorous shaking. The contents should not be exposed to air for a lengthy period. This product has an indefinite shelf life until opened.

This Reference Material (RM) is verified by the above-mentioned standards. For good laboratory practice it is recommended that all standards be verified prior to use. Remedies for any claimed defect in this product will be limited to product replacement or refund of the purchase price. In no event shall Elemental Microanalysis Ltd be liable for incidental or consequential damages.

**EXPIRATION DATE:  
THIS RM IS VALID FOR TWO YEARS FROM THE DATE OF OPENING**

October 27, 2010

Elemental Microanalysis Limited