



## Oil Analysis Packages

### Basic Oil and System Condition

Part No.	Description	Tests Included	Method	Volume
<b>OA1</b>	<p><b>Oil Analysis - Level 1</b> Basic oil and system designed for cost effective trend analysis and routine sampling.</p> <p>Allow 24-48 hours for processing.</p> <p><sup>^</sup>Standard on Non-Engines <sup>1</sup>ISO Grade Oils <sup>*</sup>Engines Only <sup>2</sup>Contingent on other testing</p>	<p>Fine Metals by ICP Total Ferrous Debris Oil Condition by FT-IR Viscosity @ 100°C <sup>1</sup>Viscosity @ 40°C <sup>1</sup>Viscosity Index <sup>^</sup>Particle Count by LNF <sup>^</sup>Wear Debris Summary by LNF <sup>2</sup>Water (pos/neg) by Crackle <sup>2</sup>Water (ppm) by Karl Fischer <sup>*</sup>Fuel Dilution by GC <sup>2</sup>Glycol Dilution by GC</p>	<p>ASTM D5185 SOP 725 JOAP ASTM D445 ASTM D445 ASTM D2270 ASTM D7596 ASTM D7596 SOP 745 ASTM D6304 ASTM D7593 ASTM D7922</p>	Volume 120mL

### Intermediate Oil and System Condition

Part No.	Description	Tests Included	Method	Volume
<b>OA2</b>	<p><b>Oil Analysis - Level 2</b> Intermediate oil and system designed for extending drain intervals and maximizing useful life of in-service lubricant.</p> <p>Allow 3-4 business days for processing.</p> <p><sup>^</sup>Standard on Non-Engines <sup>1</sup>ISO Grade Oils <sup>*</sup>Engines Only <sup>2</sup>Contingent on other testing</p>	<p>Fine Metals by ICP Total Ferrous Debris Oil Condition by FT-IR Viscosity @ 100°C <sup>1</sup>Viscosity @ 40°C <sup>1</sup>Viscosity Index <sup>^</sup>Particle Count by LNF <sup>^</sup>Wear Debris Summary by LNF Water (pos/neg) by Crackle <sup>^</sup>Total Acid Number <sup>*</sup>Total Base Number <sup>*</sup><sup>3</sup>Fuel Dilution by GC <sup>2</sup>Glycol Dilution by GC <sup>2</sup>Water (ppm) by Karl Fischer <sup>2</sup>Microscope Membrane Photo and Membrane Patch</p>	<p>ASTM D5185 SOP 725 JOAP ASTM D445 ASTM D445 ASTM D2270 ASTM D7596 ASTM D7596 SOP 745 ASTM D664 ASTM D4739 ASTM D7593 ASTM D7922 ASTM D6304 SOP 729</p>	Volume 120mL



### Advanced Oil and System Condition

Part No.	Description	Tests Included	Method	Volume
<b>OA3</b>	<p><b>Oil Analysis - Level 3</b> Advanced oil and system condition designed for achieving maximum return on investment from systems that have planned life cycles and are capable of reconditioning for multiple lives. Allow 3-4 business days for processing.</p> <p><sup>^</sup>Standard on Non-Engines <sup>1</sup>ISO Grade Oils <sup>*</sup>Engines Only <sup>2</sup>Contingent on other testing</p>	<p>Fine Metals by ICP Total Ferrous Debris Oil Condition by FT-IR Viscosity @ 100°C Viscosity @ 40°C Viscosity Index Coarse Metals by RFS <sup>^</sup>Particle Count by LNF <sup>^</sup>Wear Debris Summary by LNF Water (pos/neg) by Crackle <sup>*3</sup>Fuel Dilution by GC <sup>2</sup>Glycol Dilution by GC <sup>2</sup>Water (ppm) by Karl Fischer <sup>2</sup>Microscope Membrane Photo and Membrane Patch</p>	<p>ASTM D5185 SOP 725 JOAP ASTM D445 ASTM D445 ASTM D2270 SOP 800 ASTM D7596 ASTM D7596 SOP 745 ASTM D7593 ASTM D7922 ASTM D6304 SOP 729</p>	Volume 120mL

### Premium Oil and System Condition

Part No.	Description	Tests Included	Method	Volume
<b>OA4</b>	<p><b>Oil Analysis - Level 4</b> Designed for mission critical systems working under Condition Based Maintenance practices. Maximizes drain interval of lubricant and return on investment of system. Allow 3-4 business days for processing.</p> <p><sup>^</sup>Standard on Non-Engines <sup>1</sup>ISO Grade Oils <sup>*</sup>Engines Only <sup>2</sup>Contingent on other testing</p>	<p>Fine Metals by ICP Total Ferrous Debris Oil Condition by FT-IR Viscosity @ 100°C Viscosity @ 40°C Viscosity Index Coarse Metals by RFS <sup>^</sup>Particle Count by LNF <sup>^</sup>Wear Debris Summary by LNF Water (pos/neg) by Crackle <sup>^</sup>Total Acid Number <sup>*</sup>Total Base Number <sup>*3</sup>Fuel Dilution by GC <sup>2</sup>Glycol Dilution by GC Water (ppm) by Karl Fischer <sup>2</sup>Microscope Membrane Photo and Membrane Patch</p>	<p>ASTM D5185 SOP 725 JOAP ASTM D445 ASTM D445 ASTM D2270 SOP 800 ASTM D7596 ASTM D7596 SOP 745 ASTM D664 ASTM D4739 ASTM D7593 ASTM D7922 ASTM D6304 SOP 729</p>	Volume 120mL

These packages are designed for the routine oil analysis of conventional fluids. Please contact a CFA team member to discuss specialty fluids or analytical needs outside of the scope of routine oil analysis.