

## RECOMMENDED GREASE TESTING

CATEGORY / TEST		GREASE SCREENING TEST PACKAGE	STANDARD GREASE TEST PACKAGE	ADVANCED GREASE TEST PACKAGE
Sampling Frequency / Sample Volume		As Needed / 10mL sample	2x per Year or As Needed / 10mL sample	2x per Year or As Needed / 10 mL sample
ROUTINE TESTS	Color	○	○	○
	Total Magnetic Iron (TMI) Equivalent to PQ Index	○	○	○
	FTIR Identification	○	○	○
	Penetration Test (Unworked)		○	○
	ICP Spectrometry		○	○
	RULER (Remaining Useful Life) of Grease			○
	Analytical Ferrography			○
ADDITIONAL TEST OPTIONS	Penetration Test (Worked)			
	% Water by Karl Fischer			
	Dropping Point			
	SEM - EDS			
Applications		<ul style="list-style-type: none"> <li>• Small Electric Motors</li> <li>• Chain Grease</li> <li>• Mobile Joints</li> <li>• Wheel Bearings</li> </ul>	<ul style="list-style-type: none"> <li>• Large Electric Motors</li> <li>• Automatic Greasing Systems</li> <li>• Robot Arms</li> </ul>	<ul style="list-style-type: none"> <li>• Large Diameter Bearings                             <ul style="list-style-type: none"> <li>○ Rolling Element</li> <li>○ Trunnion/Plain</li> </ul> </li> <li>• Troubleshooting Bearing Failures*</li> <li>• Condition-based Grease Program*</li> <li>• Confirmation Of                             <ul style="list-style-type: none"> <li>○ Grease Quality*</li> <li>○ Grease Stability*</li> <li>○ Grease Compatibility*</li> </ul> </li> </ul>

\* May require additional, triggered, or custom tests. Contact Fluid Life for more information ([info@fluidlife.com](mailto:info@fluidlife.com) or 877-962-2400)

Please contact Fluid Life for laboratory test inquiries or support ([www.fluidlife.com](http://www.fluidlife.com)).