



Suggested Reolube Turbofluid Test Schedule Alstom and Systems without Servo Valves				
Frequency Test	Monthly or Bimonthly¹	Quarterly	Semi- annually²	Annually or Preoutage²
Acid Number	✓	✓	✓	✓
Appearance	✓	✓	✓	✓
Color	✓	✓	✓	✓
Particle Count	✓	✓	✓	✓
Resistivity	If requested	If requested	If requested	If requested
Water	✓	✓	✓	✓
Chlorine	If contamination suspected	If contamination suspected	✓	✓
Mineral Oil	If Appearance, Color or Viscosity odd	If Appearance, Color or Viscosity odd	If Appearance, Color or Viscosity odd	✓
Viscosity	If contamination suspected	If contamination suspected	✓	✓
Metals (by ICP)	Do if Acid or Particles high or if deposits	Do if Acid or Particles high or if deposits	Do if Acid or Particles high or if deposits	✓
Air Release²	Do if Metals high or if deposits	Do if Metals high or if deposits	Do if Metals high or if deposits	✓
Foaming²	Do if Metals high or if deposits	Do if Metals high or if deposits	Do if Metals high or if deposits	✓
Other³	✓	✓	✓	✓

1. Can be done more or less frequently depending on prior test results, turbine supplier recommendations, experience, and/or site specific needs. Bimonthly is only for fluid in good condition and no adverse trends.

2. Extra testing at a cost can be required to get a baseline for proper trouble shooting for when problems develop and to detect longer term fluid degradation and/or contamination. If prior to an outage allow time for further testing and preparing actions, test at least 2-4 months in advance.

3. Many other tests are available that can be done as required. For example; Ruler, MPC Patch Test, Hach Number and FTIR. Also in GEK 46357G for Operating Fluid Specifications GE list Specific Gravity, Pour Point, Flash Point, Fire Point and Auto-Ignition Temperature. Tests on new fluid might also be required. Such test costs are extra. See also Alstom Flame-Resistant Hydraulic Fluids HTGD6901149P 2015 Section 3 Supervision.

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