

Macro Tests

ICP Elemental Analysis

Test Type	Hydraulic	Turbine	Gear-Bearing
Al	✓	✓	✓
Cr	✓	✓	✓
Cu	✓	✓	✓
Fe	✓	✓	✓
Pb	✓	✓	✓
Sn	✓	✓	✓
Si	✓	✓	✓
Mg	✓	✓	✓
Mo	✓	✓	✓
B	✓	✓	✓
Na	✓	✓	✓
K	✓	✓	✓
Ca	✓	✓	✓
Zn	✓	✓	✓
P	✓	✓	✓
Ni	✓	✓	✓

FTIR

Test Type	Hydraulic	Turbine	Gear-Bearing
Oxidation	✓	✓	✓

Physical

Test Type	Hydraulic	Turbine	Gear-Bearing
Viscosity @40	✓	✓	✓
TAN		✓	
Colour	✓	✓	✓
PQ Index	✓	✓	✓
ISO Cleanliness	✓	✓	
ISO Cleanliness by Filter Patch			✓
Filter Patch Image	✓	✓	✓
Moisture (KF)	✓	✓	✓

Note: Test packages are determined by the laboratory to ensure the appropriate tests are carried out for the compartment sampled.

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