

OA-TO

Turbine Oil Analysis

Hy-Pro offers two levels of analysis for turbine oils to provide insight into system conditions and to help predict and prevent fluid contamination related issues.

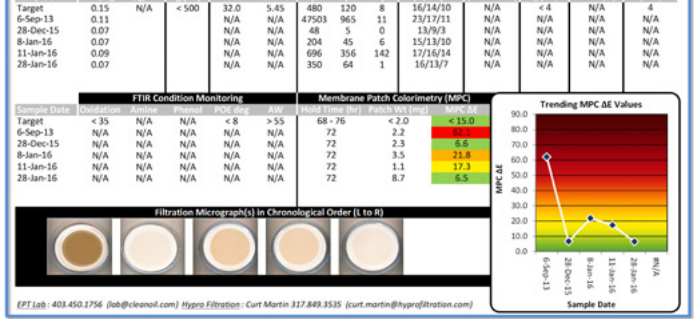


hyprofiltration.com/



Comprehensive analysis.

Newer generation group II based turbine oils typically have an anti-oxidant additive package made up of sacrificial amines and/or phenols that are depleted as oxidation and oil degradation occurs. The RULER (Remaining Useful Life Evaluation Routine) test compares remaining levels of anti-oxidant additive versus the levels found in new oil to give you the big picture of exactly how your oil is holding up.

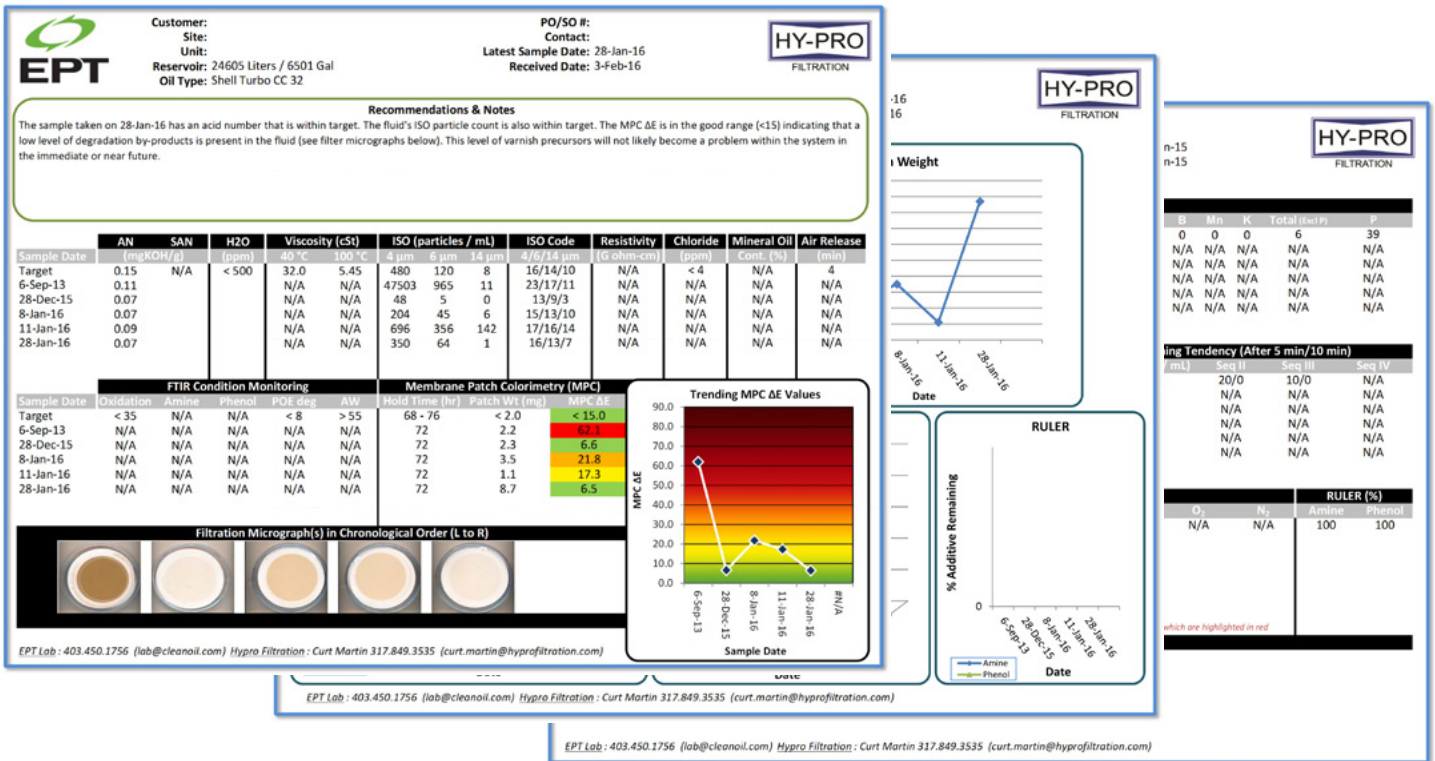


MPC.

ASTM developed standard (ASTM D7843-12) for quantifying the amount of oil degradation by-products in the oil that can lead to the formation of varnish deposits. We recommend monitoring MPC monthly on older fluids that may have depleted anti-oxidant levels and quarterly for new fluids.

Trending.

OA-TO is an invaluable tool to establish a baseline for condition based recommendations to eliminate servo valve deposits, high acid number, water, or high ISO Codes. And once a Hy-Pro contamination solution has been implemented, OA-TO trends your progress toward success and trouble free operation.



Analysis Specifications

Oil Analysis Testing

OA-MPC601311

OA-TO601368

Description

MPC varnish potential test includes:
MPC colorimetry patch test and photo

Full analysis package includes:
TAN
Metals analysis ppm
Water % Karl Fischer
Viscosity at 40°C
MPC varnish potential
MPC patch weight
ISO particle count
RULER

Recommended Frequency

Monthly for varnish potential and ICB element condition monitoring

Bi-annually for overall lube oil condition monitoring

Testing Standards

MPC/Patch Weight: ASTM D7843

TAN: ASTM D664
Metals: ASTM D5185
Water: ASTM D7546
Viscosity: ASTM D445
ISO Codes: ISO 11500/4406
MPC/Patch Weight: ASTM D7843

Sample Size Required

100mL (sample bottle included)

350mL (sample bottle included)

Fluid Compatibility

Mineral oils and turbine oils

Mineral oils and turbine oils