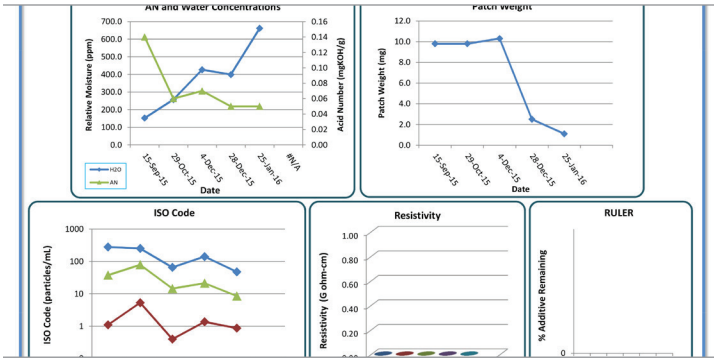
OA-PE

Phosphate Ester Analysis

Maintaining phosphate ester based fluids can be complex. Hy-Pro has solutions that make it easy and the first step in achieving trouble free EHC and high temp hydraulic operations is understanding the condition of your fire resistant fluids.

HY-PRO

hyprofiltration.com/



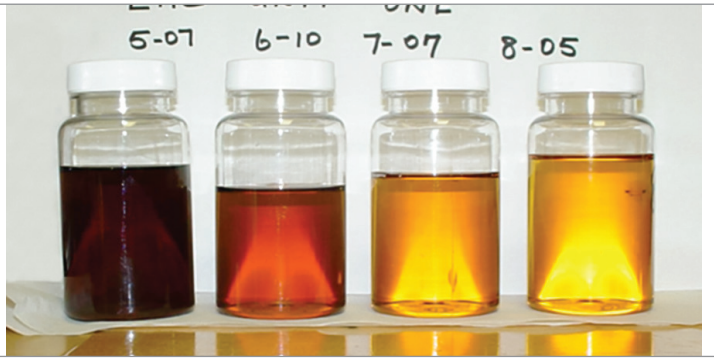
Comprehensive analysis

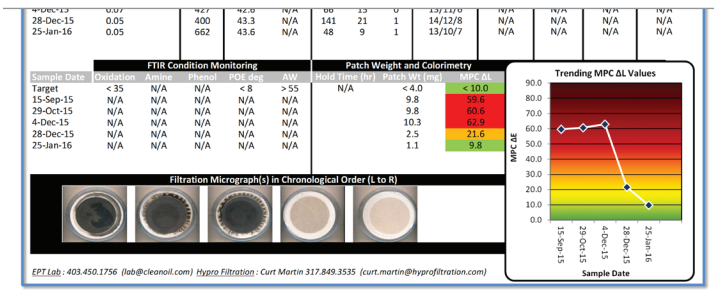
OA-PE is the most comprehensive phosphate ester analysis package currently available. In addition to common metrics such as AN (acid number), water and resistivity, the OA-PE also reports dissolved metals, SAN (strong acid), patch weight, ISO code and MPC to provide the whole picture of your fluids.

Testing

Restoration focused

With phosphate ester there are no sacrificial additives and fluids are typically condemned based on contamination that could be removed. OA-PE arms you with the information you need to avoid premature fluid replacement or a bleed and feed routine and to implement a solution to restore the fluid to normal operating condition.





Trending

OA-PE is an invaluable tool to establish a baseline for condition based recommendations to eliminate servo valve deposits, elctro-kinetic corrosion, high acid number, water, low resistivity or black fluid. And once a Hy-Pro contamination solution has ben implemented, OA-PE trneds your progress toward success and trouble free operation.

Analysis Specifications

Oil Analysis Testing

OA-PE601370

Description

Full analysis package includes:
TAN
Metals analysis ppm
Water % Karl Fischer
Viscosity at 40°C
Resistivity
ISO particle count
MPC patch weight + photo

Recommended Frequency

Monthly for varnish potential and ICB element condition monitoring

Testing Standards

TAN: ASTM D664
Metals: ASTM D5185
Water: ASTM D7546
Viscosity: ASTM D445
Resistivity: ASTM D1169
ISO Codes: ISO 11500/4406
MPC/Patch Weight: modified ASTM D7843.

Sample Size Required

250mL (sample bottle included)

Fluid Compatibility

Phosphate esters

Sample Report