

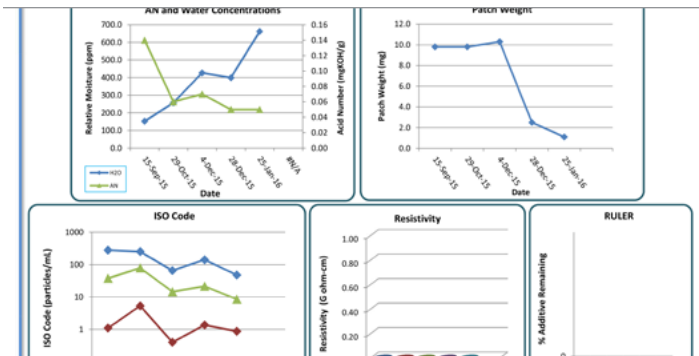
# OA-PE

## 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.



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### 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.

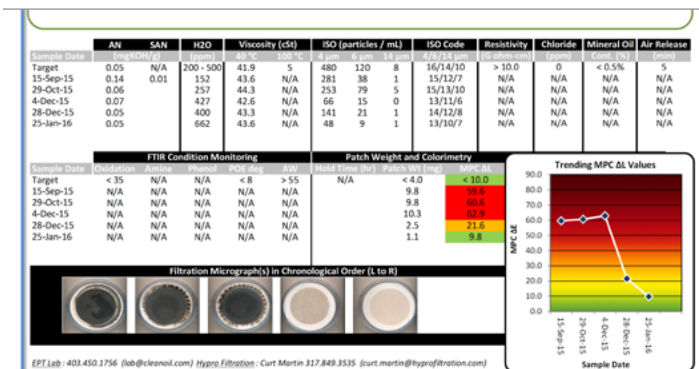
### Restoration focused

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, electro-kinetic corrosion, high acid number, water, low resistivity or black fluid. And once a Hy-Pro contamination solution has been implemented, OA-PE trends 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.

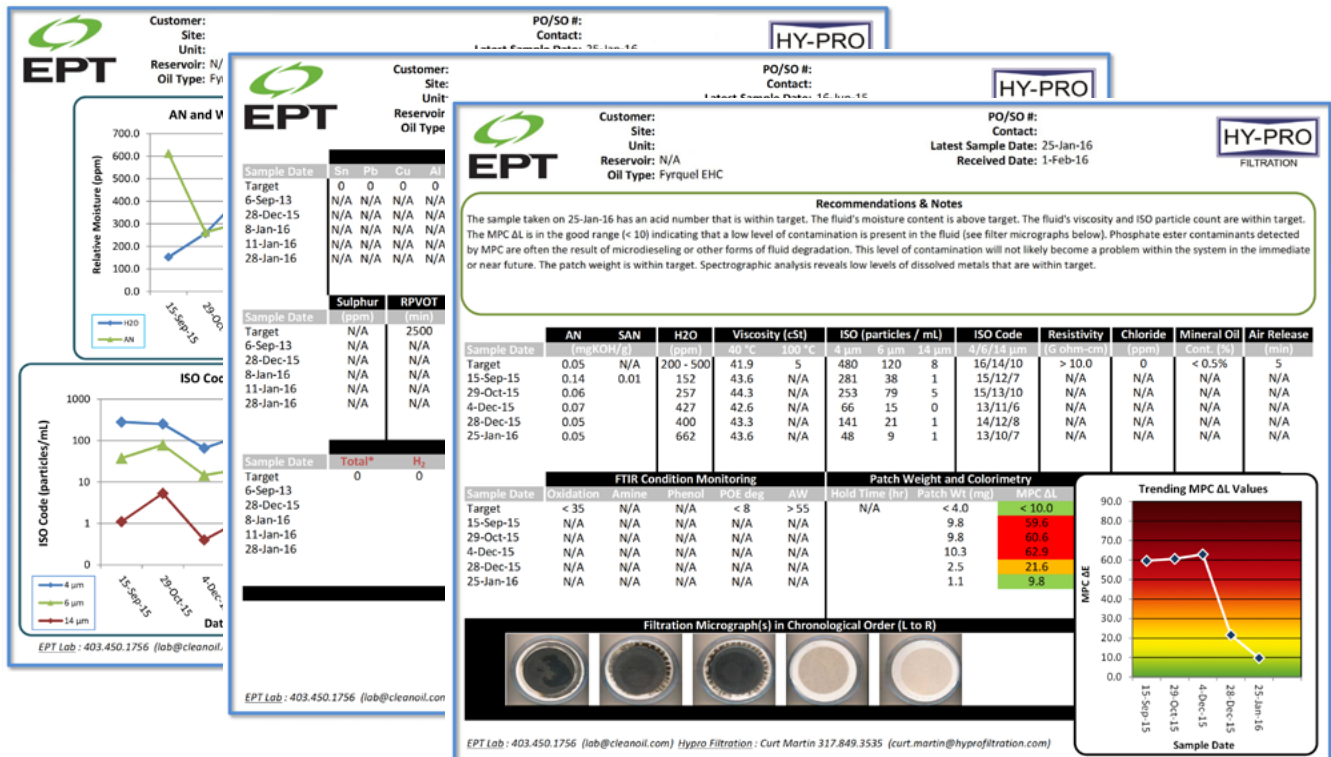
## Sample Size Required

250mL (sample bottle included)

## Fluid Compatibility

Phosphate esters

## Sample Report



Want to find out more? Get in touch.

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