

VTK

On-Site Varnish Test Kits

Condition monitoring is critical in staying ahead of lube oil degradation issues. Varnish Test Kits from Hy-Pro provide on-site access to laboratory grade Membrane Patch Colorimetric (MPC) testing as a key piece in predicting potential varnish problems before unit trip or fail-to-start conditions occur, all according to the world recognized ASTM D7843-12 standard for the measurement of insoluble oxidation by-products.



hyprofiltration.com/VTK



Unmistakably easy.

Specifically calibrated for MPC testing according to ASTM D7843-12, the Spectrophotometer in every VTK provides incredible ease of use in colorimetry testing for your fluids with results displayed right on the screen.

Bring the lab to you.

VTKs put the same equipment used in labs around the world directly at your disposal to give you access to the most accurate varnish potential testing and trending. Everything you need to properly prepare and analyze a filter patch for varnish potential comes included.



Results before your eyes.

Testing in-house provides the fastest results to understand the status of your fluid. With varnish removal filtration from Hy-Pro and VTK on-site testing, you'll be amazed as your fluids become cleaner sample after sample.

VTK Specifications

Complete Varnish Test Kit includes:



Spectrophotometer calibrated for MPC ΔE



Bench piston vacuum pump
(120V AC, 1P, 60 Hz)



.45 μ 47 mm membrane filter patches (100)



Glass filter funnel + filter holder top assembly



125 ml glass mixing flask (for
sample oil & solvent)



Glass filter funnel flask with
vacuum pump tube port



Solvent dispenser with cap, squirt
nozzle, and syringe filters (3)



Forceps



Vacuum pump hose



Instruction manual including details on
patch preparation, spectrophotometer
operation, sample result interpretation
and solutions for lube oil varnish

*MPC testing should be performed to specifications documented in ASTM D7843-12. For more information or to purchase a report, visit <http://www.astm.org/Standards/D7843.htm>