

ACTS 4:12

SD

MYERS

TM



Oil Sample Test Packages

MaxLife

Maximum Reliable Operating Life for Transformer and Substation Equipment

FIFTY

YEARS

Diagnostic and Analytical Services

Mineral Oil Filled

Test Packages



CriticalPac (for all units critical to your operation)



Oil Screen*

Dissolved Gas Analysis (DGA)
Karl Fischer Moisture (KF)
Liquid Power Factor (PF)
Oxidation Inhibitor Content (DBPC)
Dissolved Metals (ICP)
Furanic Compounds (FUR)

PowerPac 1



Oil Screen*

Dissolved Gas Analysis (DGA)
Karl Fischer Moisture (KF)
Liquid Power Factor (PF)
Oxidation Inhibitor Content (DBPC)
Dissolved Metals (ICP)

PowerPac 2



Oil Screen*

Dissolved Gas Analysis (DGA)
Karl Fischer Moisture (KF)
Liquid Power Factor (PF)
Oxidation Inhibitor Content (DBPC)

DistributionPac (Distribution class equipment)



Oil Screen*

Dissolved Gas Analysis (DGA)
Karl Fischer Moisture (KF)

LTCPac (Load Tap Changers)



Oil Screen*

Dissolved Gas Analysis (DGA)
Karl Fischer Moisture (KF)

OCBPac (Oil Circuit Breakers)



Oil Screen*

Dissolved Gas Analysis (DGA)
Karl Fischer Moisture (KF)

SwitchPac (Switch Gear)



Oil Screen*

Dissolved Gas Analysis (DGA)
Karl Fischer moisture (KF)

RegPac Single ((Single-phase Regulators)



Oil Screen*

Dissolved Gas Analysis (DGA)
Karl Fischer Moisture (KF)

RegPac Three (Three-phase Regulators)



Oil Screen*

Dissolved Gas Analysis (DGA)
Karl Fischer Moisture (KF)
Liquid Power Factor (PF)
Oxidation Inhibitor Content (DBPC)
Furanic Compounds (FUR)

RegPac Step (Step voltage Regulators)



Oil Screen*

Dissolved Gas Analysis (DGA)
Karl Fischer Moisture (KF)
Liquid Power Factor (PF)
Oxidation Inhibitor Content (DBPC)
Furanic Compounds (FUR)

Analyses offered:

*Oil Screen (OS) package:

Neutralization number	D 974
Interfacial tension (IFT)	D 971
Relative density (Specific Gravity)	D 1298
Color	D 1500
Visual examination	D 1524
Dielectric strength (Disk Electrodes)	D 877

ASTM #

Special Fluids

Test Packages



AskPac (Askarel package)



Neutralization Number
Relative Density (Specific Gravity)
Color
Visual Examination
Dielectric Strength (Disk Electrodes)
Karl Fischer Moisture (KF)
Furanic Compounds (FUR)

FR3/Biotemp Pac (FR3/Biotemp fluids in units that are critical to your operation)



Oil Screen*
Dissolved Gas Analysis (DGA)
Karl Fischer Moisture (KF)
Liquid Power Factor (PF)
Furanic Compounds (FUR)

S-FluidPac (Special fluids such as FR3, Biotemp, ENV-200, and MIDEL and alpha-1)



Oil Screen* (no IFT for Env-200 and Mide)
Dissolved Gas Analysis (DGA)
Karl Fischer Moisture (KF)

SilPac (Silicone package)



Neutralization Number
Relative Density (Specific Gravity)
Color
Visual Examination
Dielectric Breakdown Voltage (Disk Electrodes)
Dissolved Gas Analysis (DGA)
Karl Fischer Moisture (KF)

SilPac Plus (Silicone package plus Furanic Compounds)



Neutralization Number
Relative Density (Specific Gravity)
Color
Visual Examination
Dielectric Strength (Disk Electrodes)
Dissolved Gas Analysis (DGA)
Karl Fischer Moisture (KF)
Furanic Compounds (FUR)

WecPac (Wecosol/Perclene package)



Neutralization Number
Relative density (Specific Gravity)
Color
Visual Examination
Dielectric strength (Disk Electrodes)
Karl Fischer Moisture (KF)

Other Special Fluids

Tests are available, ask your Representative.

Analyses offered:

ASTM

*Dielectric Strength (VDE electrodes)	D 1816
Karl Fischer Moisture (KF)	D 1533
Dissolved Gas Analysis (DGA)	D 3612
Oxidation Inhibitor Content (DBPC)	D 2668
Liquid Power Factor (PF)	D 924
Resistivity	D 1169
Dissolved Metals (ICP)	D 7151
Furanic Compounds (FUR)	D 5837
Flash point/fire point	D 92
Degree of Polymerization	D 4243
AGE Acid Scavenger (perc fluids)	
Polychlorinated Biphenyls Content (Also EPA methods for PCBs)	D 4059
Corrosive Sulfur	D 1275 method B
Particle Count Distribution Particles and Filming Compounds	D6786

Test results and service recommendations are custom tailored to your specific equipment and fluid type.

Data, Recommendations and trending are accessible on line. . .



Instructional Courses and
Knowledge Based Tools to Provide
Reliable Power



Mobile Diagnostic Sampling
Third Party Sampling Center
Test Packages
Lab Online



Maintenance Assessment Report
Condition Assessment
System Assessment
Field Service Specification
OnSite Customer Advocate Service
Engineered Equipment



OnSite Oil Sampling
PCB Destruction Services
Transformer Field Services
MaxLife Consulting
Global Training - TMI
For Industrial or Utility Electric Systems

MaxLife

Maximum Reliable Operating Life for Transformer and Substation Equipment **ACTS 4:12**

SDMYERS™



180 South Avenue, Tallmadge, Ohio 44278 330-630-7000 www.sdmyers.com