

DYMAX

OIL PROCESSING SOLUTIONS

EXTEND TRANSFORMER LIFE WITH DYMAX NEXT GENERATION OIL PROCESSING SERVICES

Transformer oil maintenance is the key to transformer reliability, performance and longevity. Your transformer's insulating oil should be free from moisture, dissolved gases and particles that accumulate as the oil ages. Even some new oils may require treatment to limit these contaminants to more acceptable levels. We offer oil processing service while the transformer is either energized or de-energized.

DYMAX next generation oil processing outperforms all others, with these benefits:

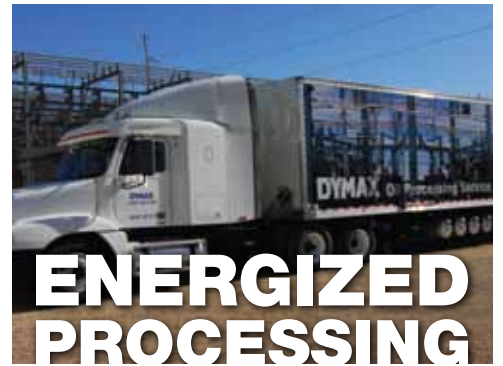
- Superior fluid heating assists moisture removal and provides more effective hot oil reclamation.
- High vacuum systems remove more dissolved gas and moisture and improve vacuum filling and insulation dry-outs.
- Faster processing speeds get your transformers back online more quickly.

Our oil processors provide additional benefits with these onboard features:

- Laboratory for continuous monitoring of oil quality values during treatment.
- Fullers earth for acid-IFT-Power Factor improvement.
- Self-contained generators for quick startup and no need for external power.

DYMAX offers conventional service for de-energized transformers that includes:

- Dehydration
- Processing with inhibitor added
- Degasification
- Insulation dry-outs
- Vacuum filling

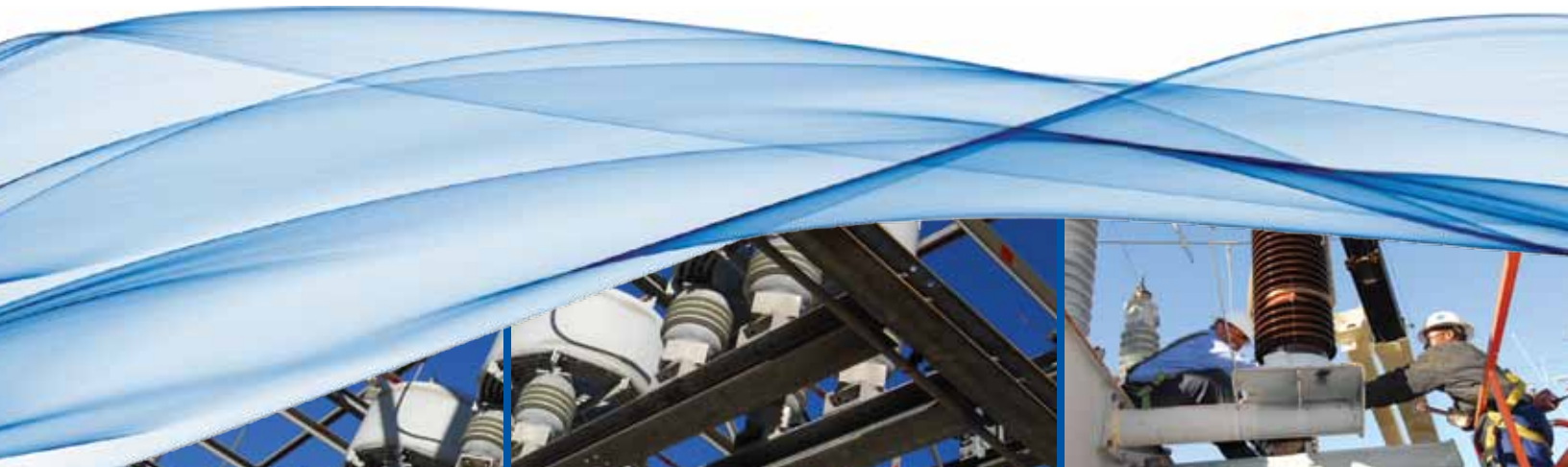


If it's not practical to take your transformer out of service for oil processing, DYMAX is one of the few service companies with the knowledge, expertise and advanced processing capabilities to process your transformers energized.

Our next generation mobile oil processors make on-site energized transformer oil treatment a reality. DYMAX energized services include:

- Hot oil reclamation
- Degasification
- Dehydration
- Processing with re-inhibitor added

DYMAX systems are designed with your needs in mind to ensure the fastest, safest, and most reliable service for your energized transformers.





DYMAX OFFERS THESE RELATED TRANSFORMER SERVICES

TRANSFORMER ASSEMBLY: We provide power transformer assembly and oil filling services that include radiator assembly, bushings, pumps, gauges and electrical components. If you need to relocate, install or replace a transformer, DYMAX offers one of the highest levels of technical capability in the industry, including:

- Pressure testing
- Doble® power factor testing
- Electrical testing
- Degasification and dehydration
- Vacuum filling
- Insulation dry-outs

LOAD TAP CHANGER REPAIRS: Load tap changers (LTCs) account for 25% of all power transformer failures. Experiencing problems with LTCs is the single largest substation maintenance and repair issue. Most LTC problems result from contact wear, part failure, and coking of contacts, and consequences include:

- Improper voltage regulation
- Unscheduled high priority repairs
- Premature failure

DYMAX CAN PROVIDE:

- LTC inspection
- LTC upgrades
- LTC repair
- Oil replacement/filtration
- LTC rebuild

ELECTRICAL TESTING: Transformer reliability and stability are fundamental to your power delivery systems. Power transformers are a significant investment, and you expect them to be trouble-free for as long as possible.

Periodic electrical testing and analysis discloses potential problems and keeps your transformer online to deliver the reliability you expect. DYMAX has the tools, instrumentation and expertise to perform the electrical testing needed to analyze your transformer.

TRANSFORMER REPLACEMENT: When a transformer fails, the downtime causes you more than just inconvenience; it can also cost you production dollars. DYMAX experts can engineer the design and fit of the replacement transformer safely and efficiently. This includes:

- Removing the old transformer
- Duplicating original electrical connections
- Emergency insulating fluid handling
- Supplying a replacement unit

DYMAX

SPECIALIZING IN ELECTRICAL POWER SOLUTIONS

For a list of satisfied clients and for more information on all DYMAX solutions, visit our website at www.dymaxservice.com or contact your local DYMAX Account Manager.

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