



Service/Product Provider

Southwestern Petroleum Corporation

534 N. Main St
Fort Worth, TX 76164

Business: High Performance Lubricants

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Industrial Partner

Intertape Polymer Group

1101 Eagle Springs Rd.
Danville, VA 24540

Business: Specialized Polyolefin Plastic/Paper Products

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Southwestern Petroleum Corporation (SWEPCO) captures “low-hanging fruit” with superior lubricants for Intertape Polymer

Project Scope

SWEPCO analyzed four problematic gear boxes at the Intertape Polymer Group facility in Danville, VA, which over-heated and tripped the circuit due to high amperage overload. SWEPCO implemented corrections to resolve the problems and capture energy savings.

Project Summary

SWEPCO assessed the four problematic gear boxes at Intertape Polymer and replaced the then-existing lubricants with SWEPCO high-performance lubricants.

- **Energy Savings**
\$34,000
- **Investment**
\$9,700 for lubricant replacement
- **Financial Return**
3.4 month payback
- **Other Benefits**
Improved productivity due to improved online performance

Monitoring & Verifying Energy Savings

SWEPCO used testing and monitoring equipment to demonstrate savings. Intertape Polymer realized improved online performance that verified problem resolution.

Distinguishing Value

SWEPCO conducted complimentary equipment assessments and analyses, and provided appropriate training to the staff. Extensive analysis work facilitated the decision making process. SWEPCO also attended an Intertape Polymer Energy Summit and delivered a presentation on energy saving opportunities.