



Mobil DTE 10 Excel 32 Helps Steel Mill Improve Blast Furnace Performance in Extreme Temperature Conditions, Generating Savings on Maintenance and Equipment Costs

**Blast Furnace Dust Removal Fan Bearings
Steel Mill
Finland**

Situation

A Finnish steel mill endured ongoing problems lubricating a blast furnace dust removal fan hydraulic system in winter conditions. To help operations in low temperatures, the system required extra electric heating, and the use of tarpaulins. Maintenance personnel asked ExxonMobil to identify a lubricant capable of efficient operation in extreme temperature environments.

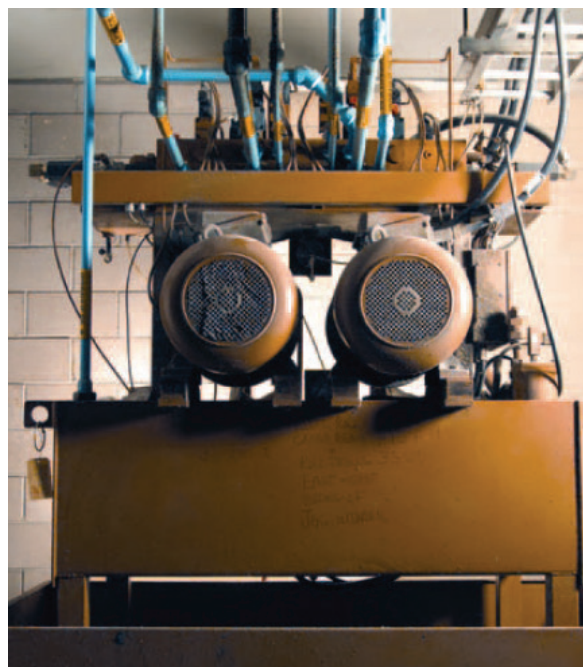
Recommendation

ExxonMobil engineers recommended **Mobil DTE 10 Excel™ 32** hydraulic oil. Formulated with a shear stable, high viscosity index, **Mobil DTE 10 Excel 32** is designed to perform in a wide range of extreme temperatures.

Result

Mobil DTE 10 Excel 32 hydraulic oil delivered outstanding performance despite extreme conditions, operating efficiently in temperatures as low -17°F (-27°C) and during periods of several days below 5° F (-15°C). Furthermore, maintenance personnel were no longer forced to rely on tarpaulins or supplemental heating. Through improving cold weather hydraulic system operation, **Mobil DTE 10 Excel 32** helped the steel mill improve production reliability and generate savings through lower energy use of heaters and related maintenance labor costs.

The product performance of **Mobil DTE 10 Excel 32**, alongside the application expertise provided by local ExxonMobil engineering support, is helping to improve customer productivity potential.



Mobil DTE 10 Excel 32 hydraulic oil helped this steel mill enhance blast furnace operations in extreme winter conditions, generating savings on equipment and maintenance costs.

For more information on Mobil™ industrial lubricants and services, call your local company representative or visit mobilindustrial.com.

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POP 2009-608

This Proof of Performance is based on the experience of a single customer. Actual results can vary depending upon the type of equipment used and its maintenance, operating conditions and environment, and any prior lubricant used.