

Converting to Mobil SHC™ 525 synthetic hydraulic oil helped to improve productivity by 17%*



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Hydraulic ceramic tile press Sacmi-Imola PH32000 ANDROID | Ceramika Końskie Sp. z o.o | Końskie, Poland

Situation

Ceramika Końskie is a Polish ceramic tile manufacturer who uses a Sacmi Imola type PH-3200 Android press in their tile production. The press works under high pressure and operating temperature and the measured hydraulic system temperature was above 100°C. The customer experienced sludge, deposit formation and foaming in the hydraulic system with the prior conventional product. Actual press performance was 10.8 cycles/minute compared to a design basis of 12.7 cycles/minute. In addition deposit formation increased unplanned downtime due to filter plugging.

Recommendation

The ExxonMobil engineer recommended **Mobil SHC™ 525** synthetic hydraulic oil to improve the press operation due its outstanding high temperature performance and excellent oxidation resistance. This allowed extension of oil and filter change intervals while assuring system cleanliness and trouble-free operation.

Benefit

By converting to **Mobil SHC 525** synthetic hydraulic oil the customer reports experiencing up to 17%* improvement in tile press productivity and a 6 hour decrease of unplanned downtime as a result of the extended filter change intervals.

US \$5.6M

In customer-estimated productivity and maintenance cost improvements

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*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.

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