



Mobil Vactra™ Oil No.2 Helps Shenzhen Yihe Mould Co., Ltd. Save US\$ 11,890 Annually

**Mori Seiki CL-200 CNC Machine Centre
Shenzhen Yihe Mould Co., Ltd.
Shenzhen City, Guangdong Province, PRC
ExxonMobil Customer Since 2001**

Situation

The customer has about 40 CNC machining centres mainly for the Mori Seiki CL-200 brand and the slideways used a third party brand of oil. Due to poor adhesiveness, the slideway oil always leaked into the cutting fluid system, which caused the fluid to become smelly in a short time. At the same time, the performance of the stick-slip and chatter was not very good, causing poor operation accuracy.

Recommendation

Based on customer feedback and an onsite investigation, the ExxonMobil Lube Engineer recommended **Mobil Vactra™ Oil No. 2** way and slide lubricant for the slideway lubrication. Part of the reliable **Mobil Vactra Oil Numbered Series**, it is recognised for its valuable performance benefits such as high adhesiveness, good controlled friction, excellent coolant separability, and high anti-corrosion capability. At the same time, a range of complementary services was provided to ensure optimum results. These included equipment system inspection, cutting fluid flushing proposal and a clinic seminar.

Result

Since the application of **Mobil Vactra Oil No. 2** in 2001, slideway oil consumption has been cut by 10%, cutting fluid consumption has been reduced by 12% annually and product qualification ratio has also improved. An annual saving of US\$ 11,890 has been achieved.



Safety: slideway oil leakage into cutting fluid system reduced, preventing an offensive odour from occurring. Improved working environment.



Environmental: Good adhesiveness, frictional characteristics and coolant separability helped to reduce the slideway oil and cutting fluid discharge.



Productivity: Improved product qualification ratio and effective production.



Mobil Vactra™ Oil No. 2 helps customer achieve annual saving of US\$ 11,890 on Mori Seiki CNC Machining Center

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The data and other contents of this Proof of Performance are 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.