



Mobil Vactra Oil No. 2 Improves Slide Way Lubrication and Helps Customer Yield Annual Saving Of US\$ 22,780

HAAS CNC
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Situation

Guangzhou Raisen Development Co., Ltd is a professional machining company that manufactures precision machine parts. The customer has 12 HAAS CNC and 1 WOOSAN CNC which were lubricated by domestic way oil. Due to weak friction control and adhesive property of the way oil, the slide way was terribly worn and corroded, their products quality was very poor.

Recommendation

Based on the working condition and lubrication requirement of slide way, Mobil Lube engineer recommended **Mobil Vactra™ Oil No. 2** for slide way lubrication. **Mobil Vactra™ Oil No. 2** is widely acknowledged by CNC equipment builders. Controlled frictional characteristics helps eliminate stick slip and allows consistently accurate machining, good adhesiveness prevents removal of lubricant from critical surfaces, good water and aqueous coolant separability helps improve the life and performance of aqueous coolants.

Result

After applied **Mobil Vactra Oil No. 2** on the lubrication of slide way, the lubrication of slide way was significantly improved, reduced worn and corrosion, and product qualified ratio was raised by 8.5%. Annual saving of US\$ 22,780 was achieved, including:



Safety: reduced degeneration tendency of metal process fluid, improved working environment for workers



Environmental: Good adhesive, frictional characteristics and coolant separate ability reduced consumption of the slide way oil and cutting fluid.



Productivity: products qualification ratio is raised by 8.5% representing US\$ 22,780 per annum.



HAAS CNC

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