

Success Story:

SPINDLELINE

高速主轴专用水溶性冷却液

High-speed Spindle water-miscible Coolant

性能 Features:

- **COOL-X 即用型主轴冷却液**

ready-to-use water-miscible spindle coolant

具有与水几乎相同的热容量（ 4.182 J/g-K ），其低粘度确保了流速增加并且泵得以保护。通过将温度降低 $3-5^{\circ}\text{C}$ ，主轴的使用寿命可延长25%。

The closest thermal capacity to water (4.182 J/g-K) and its low viscosity increases the flow rate, ensures pumps are conserved. Spindle's service life is extended by up to 25% by reducing the temperature by $3-5^{\circ}\text{C}$.

- **COOL-PROTECT READY 丙二醇基的即用型主轴冷却液**

ready-to-use spindle coolant with a PG base

其成分钝化各种材质，可提供长期的防腐蚀保护。防冻温度达零下 -24°C 。

A propylene glycol base coolant and its substances renders various materials passive and provide long-term corrosion protection. Frost-proof up to -24°C .

利益 Benefits:

- **缩减主轴维修成本超过20%**

Reduce spindle maintenance cost by over 20%

- **提高至少5%生产力**

Productivity increase of up to 5%

- **延长主轴使用寿命 - 归功于轴承温度降低 5°C**

Spindle Service life extended due to bearing temperature being lowered by up to 5°C



OEM Reference

SPINDLELINE

• 主轴制造商 Spindle Manufacture



• 磨削加工 Grinding



• 铣削加工 Milling

