

Success Story:

SPINDLELINE

高速主轴轴承专用超纯净润滑油

Spindle Lube Hyperclean ISO4406 15/13/10 VG

性能 Features:

- 卓越的耐磨损添加剂
Outstanding wear-reducing active agents
- 高效的抗极压性能
Effective EP properties (EP = Extreme Pressure)
- 最高纯度和最优化的润滑性能确保持恒定的轴承温度
High purity and optimal lubrication ensures a constant bearing temperature
- 粘度等级有三种：分别符合ISO标准的 32、46和68
Available in the viscosity classes ISO VG 32 - 46 - 68

利益 Benefits:

- 主轴轴承寿命延长最高400%
Up to 400% longer spindle bearing service life



Bag in Box “箱中袋”



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°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 if extended by up to 25% by reducing the temperature by 3–5°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%

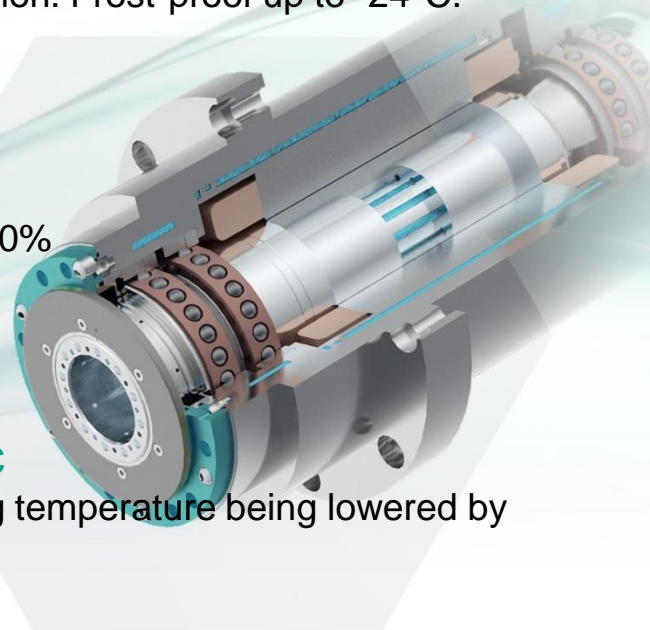
Reduce spindle maintenance cost by over 20%

- 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



