

Agricultural and Construction Equipment



CAT.NO.BAOO8EN-OCH-A

For superior strength and durability in all environments

Heavy machinery in the agriculture and construction industry supports economic growth and infrastructure, and is indispensable in daily life. JTEKT's highly functional products contribute to ensuring long service life in severe conditions and improving reliability.

> **JTEKT products** supporting heavy machinery in agriculture and construction

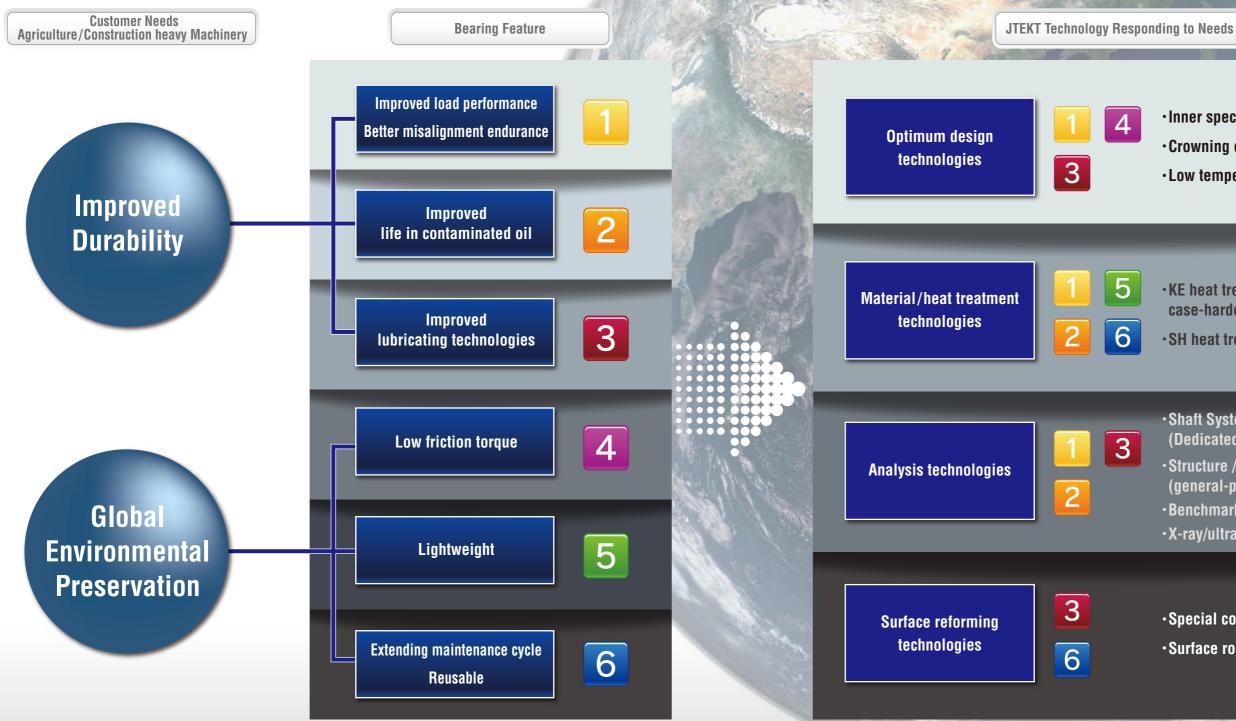
> > Under such severe conditions, JTEKT responds with



No.1 & Only One technologies.

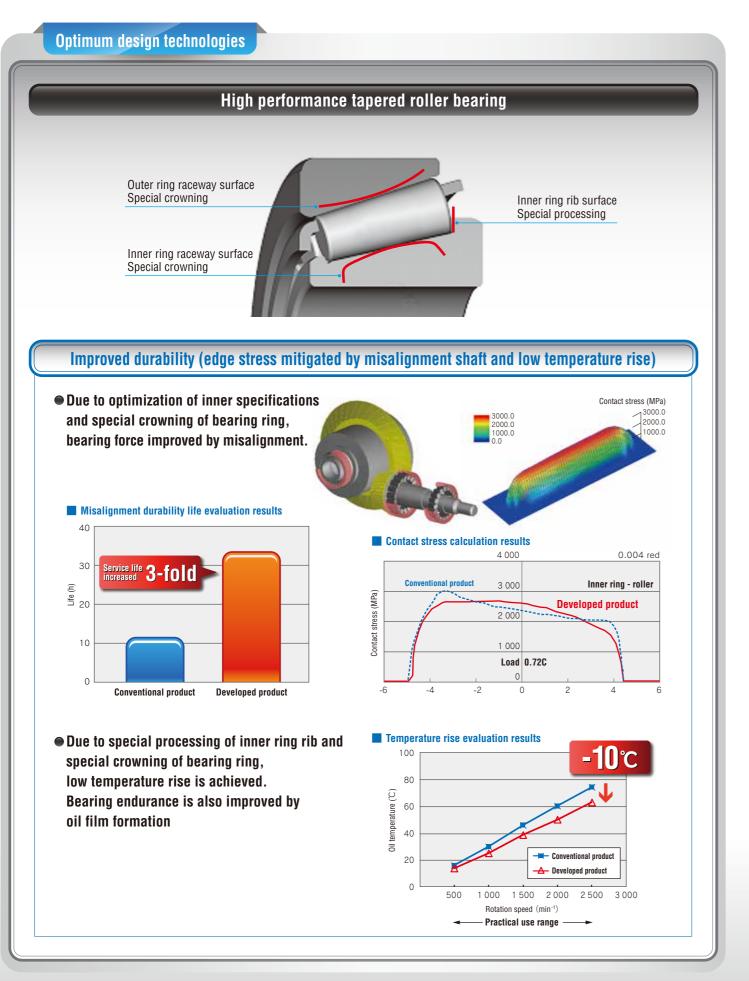
Responding to Needs with No.1 & Only One Technologies

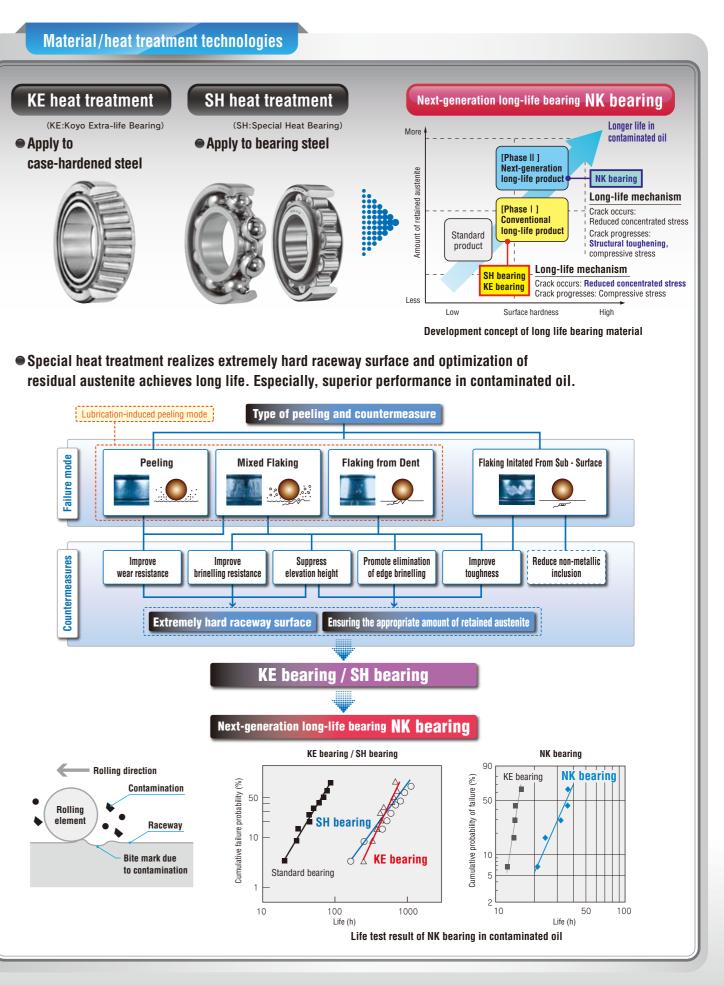
With a manufacturing history of more than 90 years, JTEKT clearly understands the needs of its customers, promptly delivering the reliability and product competitiveness required, and backs it up with a global support system.



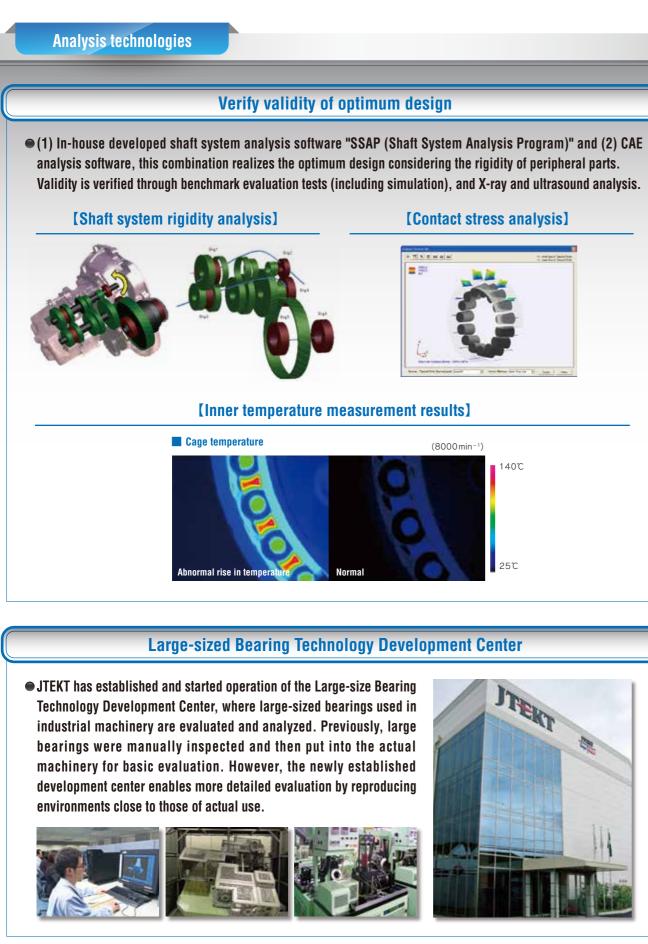
- Inner specification optimization
- •Crowning optimization
- ·Low temperature rise design
- •KE heat treatment: case-hardened steel
- •SH heat treatment: bearing steel
- •Shaft System Analysis Program (Dedicated software developed in-house)
- Structure / mechanism / fluid analysis (general-purpose software)
- Benchmark evaluation tests
- •X-ray/ultrasound analysis
- •Special coating process
- •Surface roughness optimization

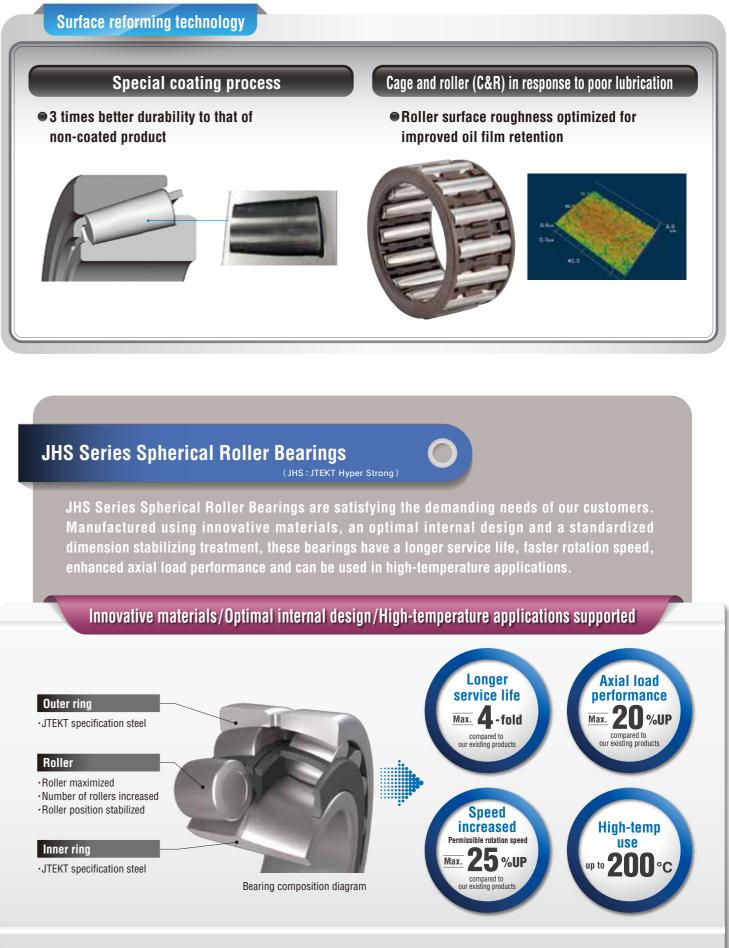
JTEKT products responding to agricultural/ construction machinery needs ①



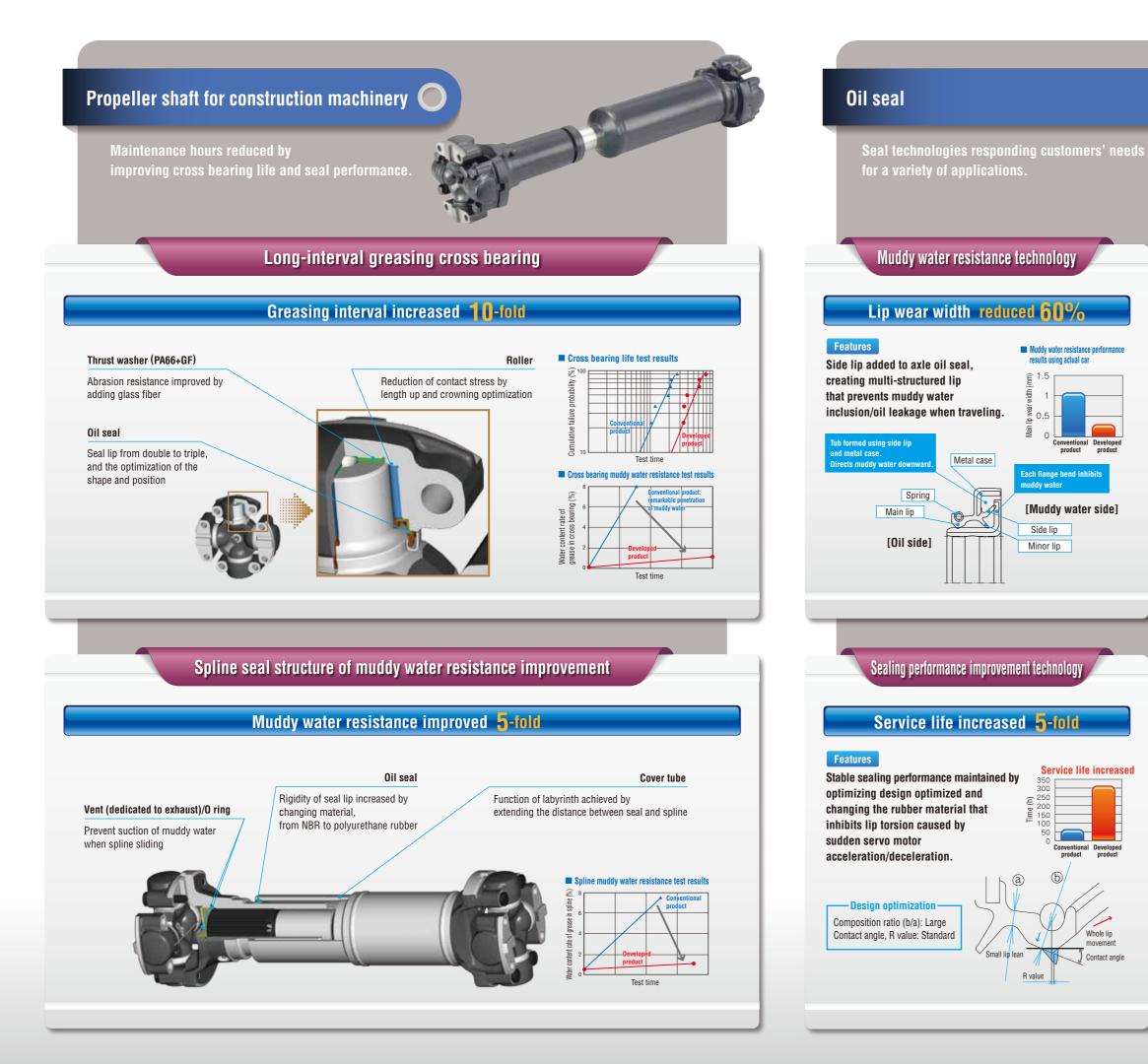


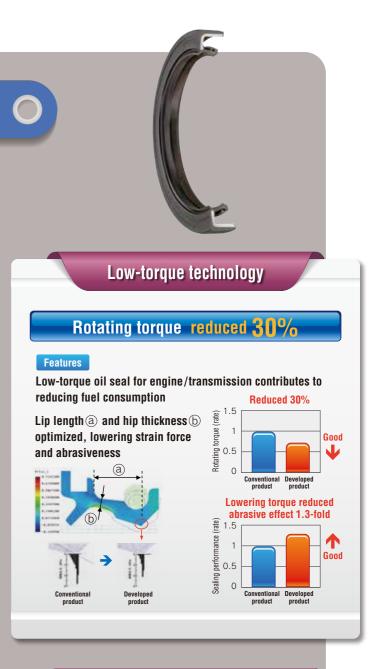
JTEKT products responding to agricultural/construction machinery needs 2









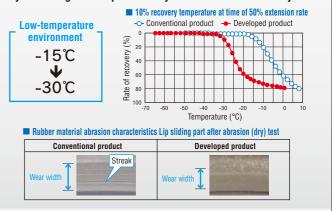


Low temperature technology

Low temperature performance improved **2-fold**

Features

Sealing performance of hydraulic pump and other parts improved by enhancing low-temperature daynamic run out followability.





JTEKT Corporation WEB site

https://www.jtekt.co.jp/e/



JTEKT Bearing WEB site

https://koyo.jtekt.co.jp/en/



JTEKT Overseas hubs

https://www.jtekt.co.jp/e/company/global.html





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