

KOMATSU

Powertrain oil T010 & T030



Komatsu genuine powertrain oil

Powertrain oil T010 & T030
for powershift transmissions
requiring specific friction performance

Komatsu genuine powertrain oil



Application

- Komatsu genuine powertrain oil is a transmission fluid designed for powershift transmissions, steering boxes and final drives of construction and mining equipment. It can also be used in swing device.

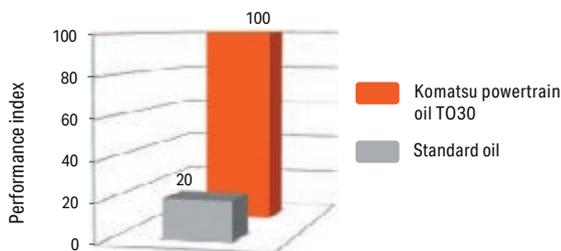
Komatsu genuine powertrain oil

Komatsu genuine powertrain oil is a lubricant for off-highway machinery, designed to extend the machine life and oil drain intervals. The product is formulated with selected base oils associated to a robust chemistry. It provides better oxidation resistance and extra protection to the transmission components.

Product benefits

- Komatsu genuine powertrain oil is formulated with a high quality base oil with a high viscosity index and shear stability, even at high temperatures.
- The robust additive system ensures excellent oxidation resistance as well as excellent anti-wear and extreme pressure protection.

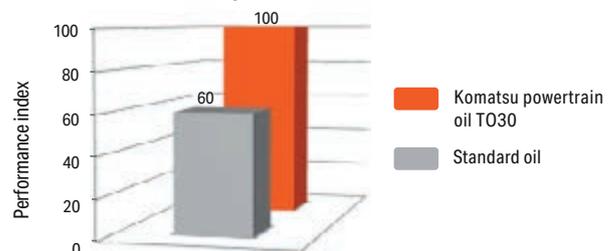
Gear wear test



FZG gear wear (ASTM D4998)

Evaluates gear tooth face wear resistance of fluids using A profile gears. The rig is operated at 100 rpm under constant load for 20 hours. A visual tooth surface rating and gear weight loss are measured.

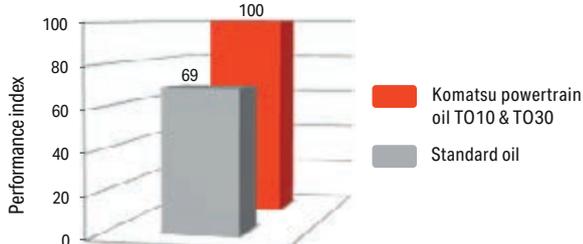
Extreme pressure test



FZG scuffing load A/8.3/90 (DIN 51354)

Evaluates gear tooth face scuffing resistance of fluids using A profile gears. The rig is operated at 1450 rpm through up to 12 progressive load stages at 15-minute intervals and a fluid temperature of 90°C. Gear teeth are inspected after each load stage for scuffing.

Oxidation stability (Indiana stirring) 165.5°C x 120h

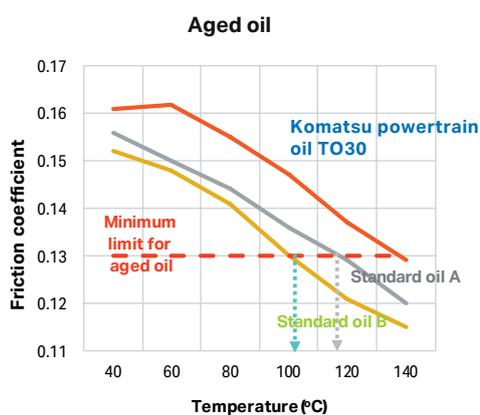
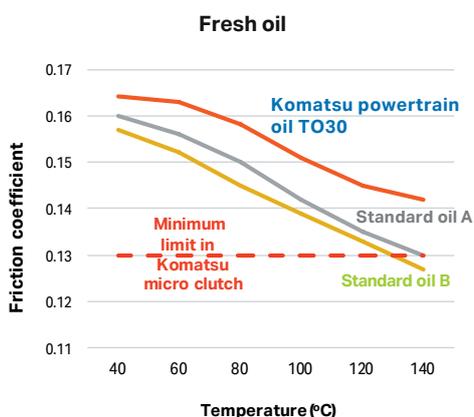


Highly shear-stable viscosity of the product preserves the hydraulic pump's volumetric efficiency

Komatsu genuine powertrain oil T010 & T030 provides excellent gear wear protection and extreme pressure properties for long equipment life.

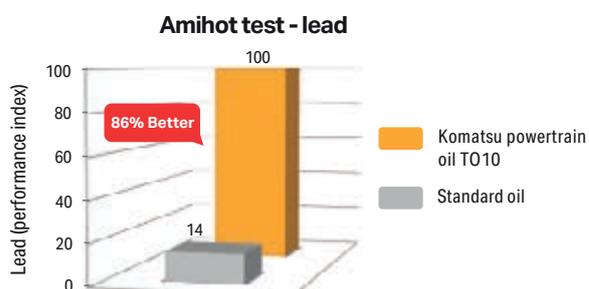
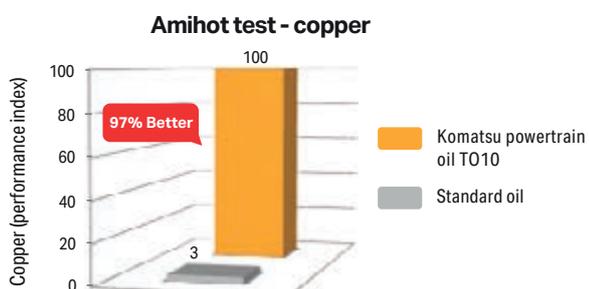
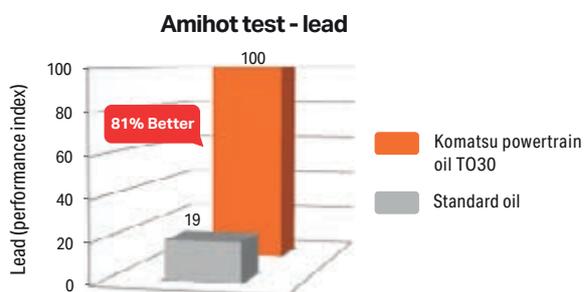
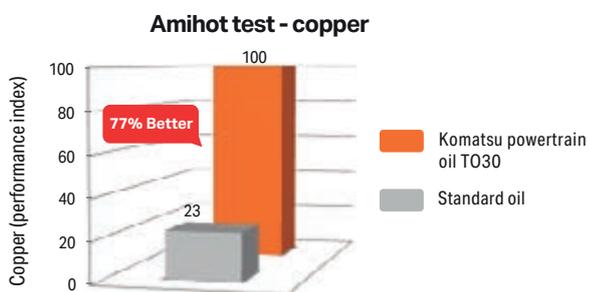
Friction performance

Komatsu genuine powertrain oil maintains appropriate and durable friction performance when subjected to extensive cyclic clutch engagement at elevated temperatures in-line with Komatsu performance specifications.



Anti-corrosion and anti-rust performance

Excellent anti-corrosion and anti-rust performance that provides maximum protection for steel and yellow metal (copper alloys) parts



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KOMATSU

[komatsu.eu](https://www.komatsu.eu)

