

Cat® Threaded Cylinders

When it comes to reliability and performance, a hydraulic system is only as good as its critical components. That's why Cat® threaded hydraulic cylinders are engineered, tested and built to meet the challenges of the most demanding applications. OEMs worldwide count on Cat hydraulic cylinders to deliver maximum performance, durability and efficiency for their machines.

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Better performance starts with a better design.

High-strength cylinder tubing improves reliability:

- Provides optimum combination of wall thickness (5.0 mm) and material strength.
- Skived and burnished tube assembly ensures ultimate concentricity and straightness.
- High-quality finish promotes better sealing and longer seal life.

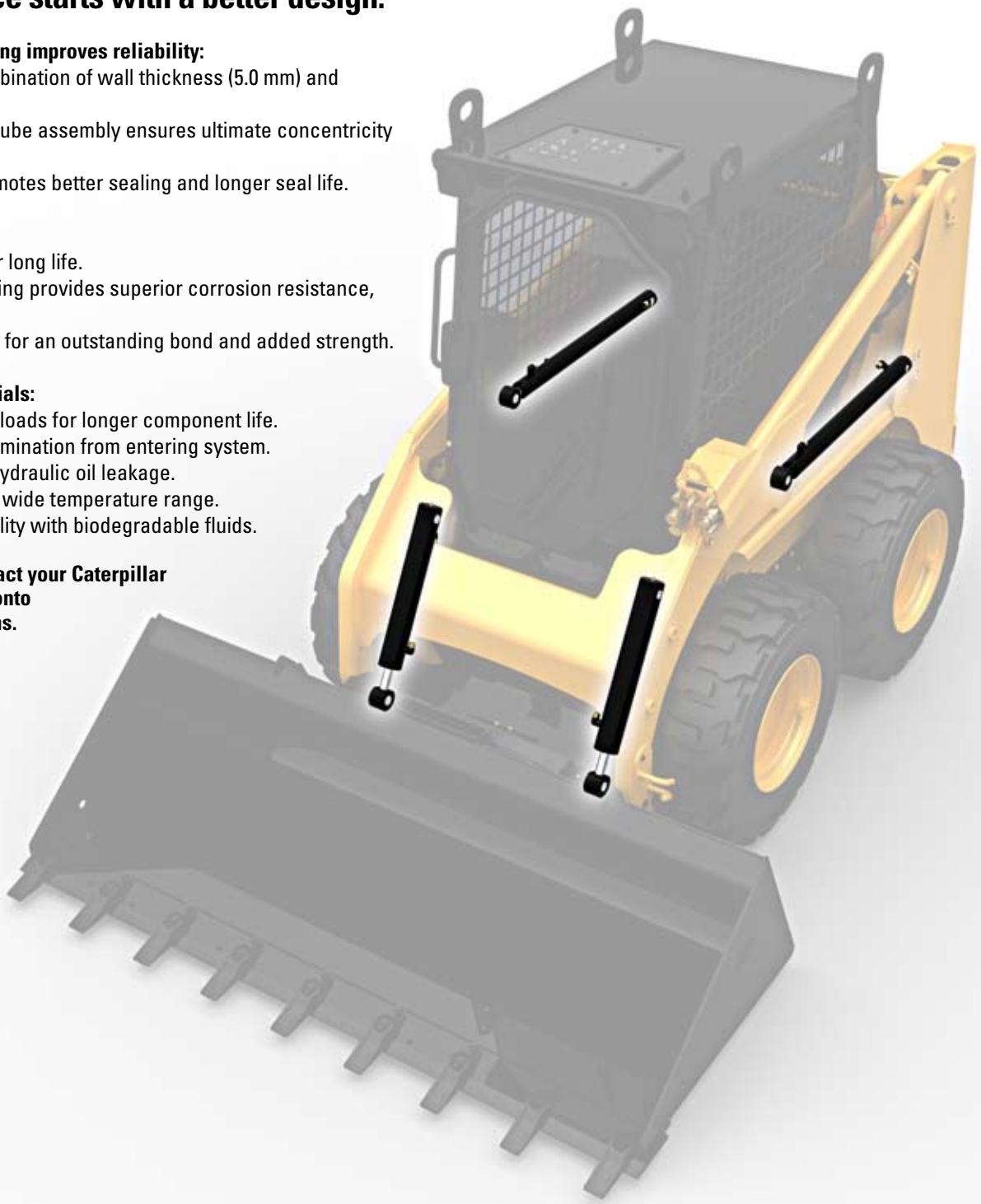
Cylinder rods:

- Induction-hardened for long life.
- Enhanced chrome plating provides superior corrosion resistance, per ASTM spec. B117.
- Inertia/friction welding for an outstanding bond and added strength.

High-quality sealing materials:

- Help to withstand side loads for longer component life.
- Prevent external contamination from entering system.
- Help reduce external hydraulic oil leakage.
- Extend seal life across wide temperature range.
- Provide sealing capability with biodegradable fluids.

For more information, contact your Caterpillar OEM Solutions rep, or log onto www.cat.com/oemsolutions.



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