



**TAKE A CLOSER LOOK**

# CAT® GEARS FOR YOUR DRIVETRAIN



## GEARING UP FOR SUCCESS

Sometimes, it's hard to see how small parts can impact big outcomes. But that's exactly what Cat® Gears do for your drivetrain.

Cat Gears are designed with your full drivetrain in mind. Each gear is manufactured differently for the application it performs — something the other manufacturers simply don't know or can't do. Designed to be reusable at first overhaul, Cat gears help lower your rebuild costs and ultimately, your total cost of ownership.



## BUILT TO BE RELIABLE — BUILT TO BE BETTER

| WHAT YOU GET WITH OUR DESIGN  | HOW IT IMPACTS YOUR BOTTOM LINE   |
|---|---|
| Gear tooth crowning, root shape and fillet radius designed to redistribute pressure away from the edges — protecting them from cracking, pitting and bending. | A longer life and less chance to break and damage other parts — saving you money and repair time. |
| A smooth surface finish created to resist pitting, scoring and excess stress on the gear teeth.   | Less noise and proper lubrication for your gear.  |
| Gear manufactured to strict size and hardness tolerances for even load distribution on each tooth and a proper tip land profile.                              | Less repairs, wear and noise.   |
| Proprietary heat treatment processes specific to application including case carburizing, nitriding and induction hardening.                                   | Better performance, longer life, greater reusability.   |
| Unique metallurgy with special formulas — improving impact resistance and ensuring proper load transfer and uniformity.                                       | Better performance, longer life, greater reusability.   |
| Updated designs.  | Designs are consistently updated to provide better performance and longer life.                   |
| Industry leading power density and re-usability.  | Designed to be reused at first overhaul for most applications, saving money during rebuilds.      |

## THE PROOF IS IN THE PROCESS

Through specialized Cat manufacturing processes, our gears perform better, last longer and save you time and money.

Data shows that four major drivetrain components make up to 40% of your powertrain costs. With gears being one of the parts of those drivetrain components, there's no question that maximized performance and life will help your bottom line.

## COUNT ON DURABILITY

Your Cat dealer will work with you to develop a plan that optimizes your investment and ensures you get the best parts and services for your equipment. With flexible repair options, your Cat dealer will meet you right where you're at — always making sure your costs are limited and your uptime is enhanced.

**Ask your dealer about drivetrain gear solutions today.**

### CONTROL YOUR COSTS WITH A POWERTRAIN CVA

Providing a safety net of protection, a Powertrain Customer Value Agreement helps you protect your machine's most critical components after the standard machine warranty expires. Here to help you at every part of your machine's life, a CVA delivers peace of mind and helps you avoid unexpected costs that effect your bottom line.