



**TAKE A CLOSER LOOK**

# CAT<sup>®</sup> DUO-CONE<sup>™</sup> SEALS



## THREE WORDS: SUPERIOR SEALING SOLUTION

Cat® Duo-Cone™ seals provide the industry's best corrosion and debris protection, and there's no question why. Caterpillar labs are equipped with the latest technologies and testing procedures. This gets you the best and broadest selection of seals developed to fit your specific needs.

Cat Duo-Cone seals provide superior performance and durability that extend the life of your machine. They're manufactured to maximize your machine's uptime. Thought that was a lot of "M's"?

**Here's one more:** money. You discover savings with less maintenance when you use Cat Duo-Cone seals.

## BUILT TO TAKE THE HEAT

Designed to handle the speed and pressure of heavy equipment, Cat Duo-Cone seals are built to last longer than competitor seals when put into the same applications.

**Take a look at some of the applications that require seals:**

- + Axles + Final Drives + Rollers
- + Pumps + Undercarriages + Idlers

There's a lot of applications that require duo-cone seals — and each seal design should be tailored to that need. **That's why we provide manufacturing options, like:**

- + Different rubber materials to tolerate various temperatures and oils.
- + A wide range of metal ring materials that tailor a seal to its environment. (This includes materials exclusive to Caterpillar such as C6 and NiHard. C6 is the alloy of choice around the world in large diameter wheel application.)
- + Sized radial cross sections to balance space claim and absorb system motion. Sizes range from 25mm to 940mm. (The bigger the cross section, the longer the life.)



## THE PROOF IS IN THE PERFORMANCE

Cat Duo-Cone seals provide superior performance and durability. But don't just take our word for it.

**Let's look at the facts:**

- + Caterpillar-exclusive C6 is the industry's best corrosion-resistant seal material. It outperforms all other worldwide offerings with a wear life **up to 45% better than the competition.**
- + Cat NiHard seals offer **up to 35% greater** performance in aggressive system pressures than the leading competitor.
- + Cat Duo-Cone seals have exceptional lubricant retention in extreme applications. (In most applications the lubricant installed at the factory is permanent, with no periodic lubrication or adjustments needed.)

**Better performance + Greater protection + Less maintenance = Money saved**

## CALL ON CAT EXPERTISE

We've been in the seal game as early as 1965, when we patented the Cat Duo-Cone seal. Since then, we've focused on perfecting our product and getting our customers the best seal for their system.

Choosing the proper metal, rubber and radial cross section for your Cat Duo-Cone is vital to its life. That's where we come in. Caterpillar engineers with over 130 years of combined seal design and test experience can provide advice on the best choice for you.

**Ask your Cat dealer about drivetrain solutions with Cat Duo-Cone seals.**