



AGXTREME™

SEVERE ENVIRONMENT BEARINGS



Everywhere you turn...

Tough Agricultural and Lawn & Garden

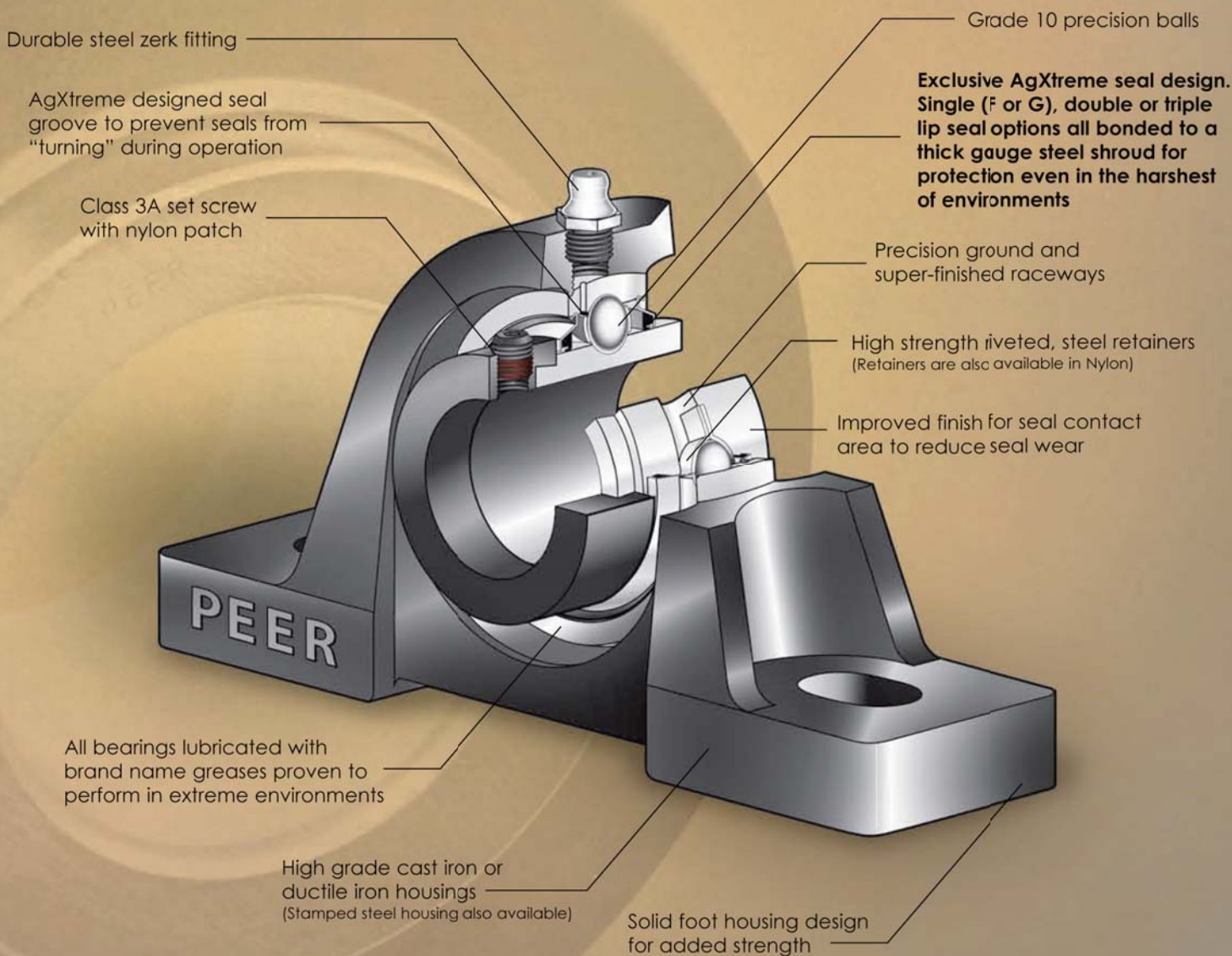
PEER developed AgXtreme bearing seals specifically for harsh and severe environments. The **AST** (Advanced Seal Technology) was designed for environments where a standard seal is not tough enough.

Applications Include:

Agriculture - Combines, Hay balers,
Mower Conditioners, Cotton Strippers,
Augers, Planters/grain drills

Lawn & Garden - Lawn Mowers

Conveyors - Grain, Aggregate



applications rely on

AGXTREME™

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Field Testing

AgXtreme bearing seal designs have undergone independent field testing in a wide range of agricultural applications.

Lab Testing / Mud Slurry Testing

The test is performed to determine the effectiveness of the bearing sealing device to withstand contamination intrusion under aggressive environmental conditions. Seal designs are tested against competitive parts in side-by-side mud slurry testing. In this test, bearings are operated while submerged in a suspension containing Water, Arizona Coarse Test Dust (ISO 12103-1 A4 coarse test dust), Fertilizer, and Calcium Chloride.



MUD SLURRY TEST FIXTURE

PEER AGXTREME
AFTER 75 HOURS



NAME BRAND
AFTER 75 HOURS



PEER AGXTREME
AFTER 144 HOURS



NAME BRAND
AFTER 144 HOURS



Test Results

"The test shows the PEER bearing seals performed significantly better than the name brand bearing seals. The lack of durability in the name brand seal design is evident, as the contamination levels of the bearing were high at the 75-hour mark. It is clear that the PEER bearing seals are superior to the name brand seals"

Chris Napoleon,
Chief Engineer, Napoleon Engineering Services,
Independent Bearing Testing Facility

*PEER offers a wide range of
Agricultural Bearing Products*



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