

The Real Value of ZF Mixer Drive Remanufacturing

ZF Life[™] 2

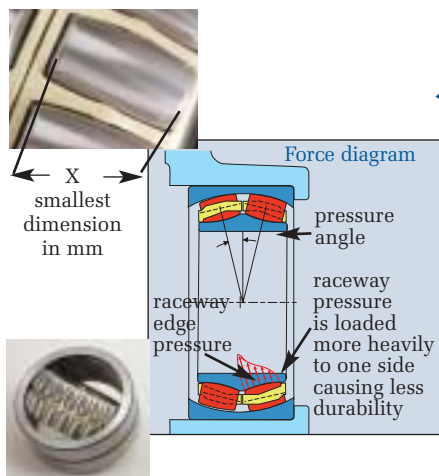
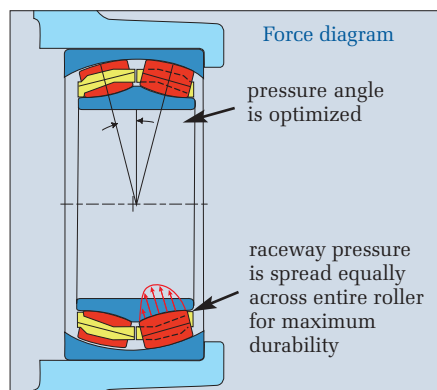
A New Beginning.

Keep your equipment on the job and spare the frustrations of repetitive downtime and maintenance. The quality of each part and the detail in every service job is critical to their proper working operation. You are assured the highest level of quality with Genuine ZF Life2 parts and remanufactured products. ZF does not rebuild. We remanufacture. There is a difference.



Genuine ZF – Latest Generation Main Bearing

ZF rollers have widest maximum dimensions. The pressure angle is optimized and the roller shape is symmetric for even load distribution. The outer race is a one piece design for greatest durability and reduced risk of assembly error.

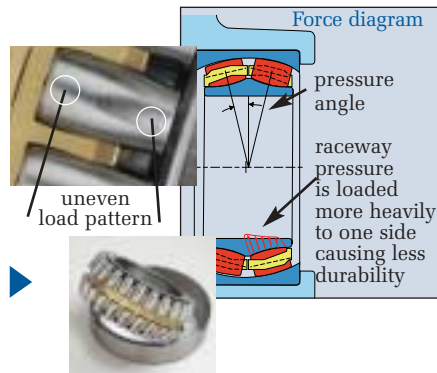


Non-Genuine Bearing #1

Smaller dimensions in the rollers. Uneven load distribution over width of roller and pressure angle is not optimized for mixer drive application.

Non-Genuine Bearing #2

Smaller dimensions in the rollers. Roller shape is asymmetric resulting in an uneven load pattern. Two piece outer race design is less durable than one piece.





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Non-Genuine Re-work of Parts

Use of blue RTV (silicone) sealant is a non-genuine process. This should be replaced with a new gasket. This drilling and pinning process should not be allowed as the gear strength is compromised and its load capacity of 60,000 Nm is reduced.



Genuine ZF

Re-use of Damaged Part

This planetary gear was re-used in a non-genuine rebuild. The durability of this part has been substantially reduced, and this will lead to certain catastrophic failure.



Genuine ZF

Non-Genuine Flange Re-work

Radial surface has been machined down and replaced with a sleeve. This is the most critical dimension on flange to support drum load. Machining in this area should not be allowed. Axial groove should be machined smooth to reduce seal wear.



Genuine ZF – Flange Re-work

Genuine ZF utilizes a remanufactured output flange if the axial wear is still within required tolerances, or else it is replaced with a new flange.



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