



How to triple your bearing life

In your operating environment, full of potential bearing contaminants, single-seal bearings don't last long.

But there is a logical way to triple your bearings' operating life, save costs and reduce downtime. Simply triple the number of bearing seals.

MOTION & CONTROL™
NSK

Available with NSK Self-Lube® bearing inserts, triple-lip seals offer three times the protection against the kind of contaminants common in waste and recycling facilities.

3X MORE EFFECTIVE

Standard bearings use just one seal on either side of the bearing, fixed in the outer ring. NSK Self-Lube® bearings with triple-lip seals have three seals on each side – making it three times harder for any contamination to enter the bearing and cause wear.

- One-piece moulded nitrile seal
- Three sealing lips
- Bonded to protective steel outer pressing, secured in outer ring
- Ideal for contaminated environments and slow-to-medium bearing rotation speeds

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FIT AND FORGET

What's even better than a longer-life bearing? A longer-life bearing that doesn't need maintenance.

Like all NSK Self-Lube® bearings, the triple-lip seal bearing is factory-charged with the optimum amount of grease for its normal service life. Relubrication is not necessary when fitting, or normally when operating.

In exceptionally heavy contamination conditions, grease can be added if required to force out contaminants.



EXTREME PROTECTION

In high or low temperature environments [such as ovens and incineration systems], NSK HLT Self-Lube® bearing inserts can reduce maintenance and downtime, and optimise bearing life. Operating efficiently at temperatures from -40 - +180°C.

HLT Inserts feature:

- Silicone and nitrile rubber seals
- Locking by standard set screw or eccentric locking collar
- Metric or imperial bore sizes

COST v VALUE

Standard bearings tend to fail quickly in heavily contaminated conditions. So it's tempting to buy cheap. But a low price comes at a high cost – in downtime, lubrication and maintenance, and engineers' time.

NSK Self-Lube® triple-lip seal bearings are available as HLT inserts for extreme temperatures, and in stainless steel with Molded-Oil for wet conditions. In all versions, they save on:

- Replacement costs
- Installation costs
- Downtime
- Lubrication
- Maintenance
- Engineers' time

How to double your protection

Standard with all NSK Self-Lube® bearings is the Self-Lube® Protector – offering protection not only to the bearing, but also to the machine operator.

External surfaces of bearings are as prone to contamination as any other part. At the same time, the rotating shaft ends present a danger to operators and anyone in the vicinity.

The Self-Lube Protector solves both problems with double protection.

The Protector has two “claws” which locate through the casting loading slots into the groove in the insert's outer ring –locking the Protector in place.

By covering the shaft end, the Self-Lube Protector removes the health and safety risk posed by a rotating shaft.

By protecting against contamination ingress, it also adds yet another layer of protection over and above the triple-lip seal.

- Mild steel
- Enamel paint coated
- Easy to fit
- Repeatedly reusable – removable without breakage or deformation

For your local Service Centre UK or Ireland, Call:

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