



# Bearings For Severe Service Environments

## Keep your cool operating ovens and other hot spots with Poly-Round® bearings



- Less downtime / More UP-time
- No grease!
- Cleaner, dependable operations
- Reduced maintenance
- Eliminate collateral equipment damage
- Reduced fire safety concerns
- Eliminates unsightly grease buildup

It's not easy to keep ball bearings operating reliably in high temperature locations. If you're tired of the mess, time and expenses that come with keeping equipment running in hot spots, look to GREASELESS EDT Poly-Round® bearings. You'll gain reliability with BIG payback.

### Bearing Design Checklist



For help with a specific application, just complete a [Bearing Design Checklist](#), send it to EDT, and let us assist you to choose the ideal bearing for your particular requirements.

#### Compare the Cost Of Ownership

On even belt support rollers EDT Poly-Round® bearings save time, eliminate grease, and prevent collateral damage

Year comparison of Poly-Round® bearings versus stainless ball bearing in metal housing	Original SS ball bearing	EDT Poly-Round® OFW EP 20 LK1TE
A. Initial cost of bearing & housing	188.23	435.00
B. Installation labor (\$30/hr) (1.50 min) x 1 hour	30.00	30.00
C. Frequency of replacement (per year)	4 times	1 time
D. Annual bearing cost	872.92	435.00
E. Cost to lubricate bearing (i.e. Lubricator 5yr \$400) Grease 20 (ounce) x 1oz tube Labor (1.50 per min) x 1 min 5 day/week x 52 weeks	0.55 +0.50 1.05 x 250 273.00	Poly-Round® requires no grease 0.00
F. After 6 months Rotate Poly-Round® 180° Labor (1 hour at \$30/hr)	N/A	30.00
One year cost of bearings on one end of one roller	1,045.92	\$15.00
Annual savings x 12 bearings per oven		\$430.02 \$20,761.44 1 year savings per oven with EDT Poly-Round®

#### How big might the Poly-Round® payback be?

In this [cost comparison](#) of Poly-Round® versus ball bearings on oven idler shafts, savings is \$20,000 per oven!

An [EDT representative](#) can work with you to project savings that can be realized at your facility.



#### EDT Product Brochure

### Poly-Round bearings accommodate expansion

With "floating" and fixed" styles of bearings



It's easier than ever to retrofit one or many bearings to Poly-Round® with our new [Poly-Round® Plus](#) style insert. An integral anti-rotation pin allows drop-in to your current metal housings



On sprocket-driven modular plastic and wire belt conveyors, EDT [guarantees](#) Poly-Round® to last 1 year, or EDT will replace it with the bearing of your choice.



[www.edtcorp.com](http://www.edtcorp.com)

(800) 810-7110

E-Mail EDT

Find an EDT Sales Representative