EDT HAS BEARINGS FOR ALL AREAS OF BEEF PROCESSING

BEEF
From receiving to shipping, EDT bearings contribute to:
- Improved Food Safety
- Longer Life
- Lower Maintenance

In all areas of beef processing, EDT bearings improve operations AND help the bottom line

- Better lubrication in the factory and field
- Reduced costs and increased throughput
- Increased visibility of machine performance

In all areas of beef processing, EDT bearings contribute to:

- Improved Food Safety
- Longer Life
- Lower Maintenance

Packaging

- Metal detectors
- Modular plastic belt conveyors
- Wire belt conveyors
- Sprocket driven urethane belts

Frying / Cooking

- Mud conveyors
- Offal
- Carcass washers
- Sprocket driven urethane belts
- Product conveyors
- Trim conveyors
- Modular plastic belt conveyors
- Saws

Slaughtering

- Bone conveyors
- Sprocket driven urethane belts
- Product conveyors
- Conveyors return-rollers
- Metal detectors

Mixing / Grinding

- Mixer conveyors
- Sprocket driven urethane belts
- Wire belt conveyors
- Trim conveyors
- Modular plastic belt conveyors
- Saws

Folding / Forming

- Metal detectors
- Modular plastic belt conveyors
- Wire belt conveyors
- Sprocket driven urethane belts

Cut-up

- Metal detectors
- Modular plastic belt conveyors
- Wire belt conveyors
- Sprocket driven urethane belts

- Microwaves
- Modular plastic belt conveyors
- Wire belt conveyors
- Sprocket driven urethane belts

- Vacuum sealers
- Modular plastic belt conveyors
- Wire belt conveyors
- Sprocket driven urethane belts

Manufacturing / Processing

- Band conveyors
- Sprocket driven urethane belts
- Wire belt conveyors
- Sprocket driven urethane belts

- Modular plastic belt conveyors
- Wire belt conveyors
- Sprocket driven urethane belts
- Modular plastic belt conveyors
- Wire belt conveyors
- Sprocket driven urethane belts

- Metal detectors
- Modular plastic belt conveyors
- Wire belt conveyors
- Sprocket driven urethane belts

- Microwaves
- Modular plastic belt conveyors
- Wire belt conveyors
- Sprocket driven urethane belts

- Vacuum sealers
- Modular plastic belt conveyors
- Wire belt conveyors
- Sprocket driven urethane belts

- Band conveyors
- Sprocket driven urethane belts
- Wire belt conveyors
- Sprocket driven urethane belts

- Modular plastic belt conveyors
- Wire belt conveyors
- Sprocket driven urethane belts
- Modular plastic belt conveyors
- Wire belt conveyors
- Sprocket driven urethane belts

- Metal detectors
- Modular plastic belt conveyors
- Wire belt conveyors
- Sprocket driven urethane belts

- Microwaves
- Modular plastic belt conveyors
- Wire belt conveyors
- Sprocket driven urethane belts

- Vacuum sealers
- Modular plastic belt conveyors
- Wire belt conveyors
- Sprocket driven urethane belts

- Band conveyors
- Sprocket driven urethane belts
- Wire belt conveyors
- Sprocket driven urethane belts

- Modular plastic belt conveyors
- Wire belt conveyors
- Sprocket driven urethane belts
- Modular plastic belt conveyors
- Wire belt conveyors
- Sprocket driven urethane belts

- Metal detectors
- Modular plastic belt conveyors
- Wire belt conveyors
- Sprocket driven urethane belts

- Microwaves
- Modular plastic belt conveyors
- Wire belt conveyors
- Sprocket driven urethane belts

- Vacuum sealers
- Modular plastic belt conveyors
- Wire belt conveyors
- Sprocket driven urethane belts

- Band conveyors
- Sprocket driven urethane belts
- Wire belt conveyors
- Sprocket driven urethane belts

- Modular plastic belt conveyors
- Wire belt conveyors
- Sprocket driven urethane belts
- Modular plastic belt conveyors
- Wire belt conveyors
- Sprocket driven urethane belts

- Metal detectors
- Modular plastic belt conveyors
- Wire belt conveyors
- Sprocket driven urethane belts

- Microwaves
- Modular plastic belt conveyors
- Wire belt conveyors
- Sprocket driven urethane belts

- Vacuum sealers
- Modular plastic belt conveyors
- Wire belt conveyors
- Sprocket driven urethane belts

- Band conveyors
- Sprocket driven urethane belts
- Wire belt conveyors
- Sprocket driven urethane belts

- Modular plastic belt conveyors
- Wire belt conveyors
- Sprocket driven urethane belts
- Modular plastic belt conveyors
- Wire belt conveyors
- Sprocket driven urethane belts

- Metal detectors
- Modular plastic belt conveyors
- Wire belt conveyors
- Sprocket driven urethane belts

- Microwaves
- Modular plastic belt conveyors
- Wire belt conveyors
- Sprocket driven urethane belts

- Vacuum sealers
- Modular plastic belt conveyors
- Wire belt conveyors
- Sprocket driven urethane belts

- Band conveyors
- Sprocket driven urethane belts
- Wire belt conveyors
- Sprocket driven urethane belts

- Modular plastic belt conveyors
- Wire belt conveyors
- Sprocket driven urethane belts
- Modular plastic belt conveyors
- Wire belt conveyors
- Sprocket driven urethane belts

- Metal detectors
- Modular plastic belt conveyors
- Wire belt conveyors
- Sprocket driven urethane belts

- Microwaves
- Modular plastic belt conveyors
- Wire belt conveyors
- Sprocket driven urethane belts

- Vacuum sealers
- Modular plastic belt conveyors
- Wire belt conveyors
- Sprocket driven urethane belts
**Poly-Round® bearings**

EDT polymer plane bearings are the most efficient and effective way to eliminate lubricants when grease is a problem. High stress, extreme temperatures, chemicals, erodible corrosion, and abrasion degrade ball bearings. The appropriate material for the application can withstand these environments.

- USDA accepted
- Zero grease, zero rust
- Variety of polymer inserts, including metal detectable

Long and predictable operation can be achieved with 180° rotation of the insert when worn too far in one direction. Fully split units available. Shaft sizes 1/2” to 4” (12.7mm to 101.6mm); all housing styles in stainless or exclusive ‘KG’ polymer.

**Type E Solution® bearings**

EDT’s Type E Solution® bearings are designed to operate where tapered roller bearings do not perform adequately, often subjected to process or wash down moisture or where food safety is a concern.

- USDA/NSF accepted
- Housing and bearings 100% rust free
- Maintenance free: 100% grease-less
- Available in pillow block, 4-bolt, and piloted styles
- Available in split units

**Mounted ball bearings**

Stainless steel or ‘KG’ polymer radial bearing assemblies with 90° or 180° insertion of ball bearing rests to choose from.

- Stainless steel or polymer
- Set screw locking or eccentric
- Value, classic or choice inserts
- Sealed ball
- Carbon bearings are available
- Blue optically detectable polymer housings available

**Block bearings**

EDT block bearings are one-piece blocks of bearing grade polymer that dimensionally interchange with industry standard mounted bearings. These are the original "sanitary bearing" with smooth surfaces and solid construction.

- Zero grease, zero rust
- Can be used with or without a locking sleeve
- Well suited to locations with high impact such as conveyor ends or dumpers

**Solid lubrication**

With increasingly stringent food safety mandates, solid lubricants can be effective alternatives to grease. Solid lubricants help exclude contaminants from interfering with rolling activity by filling the area around the balls. They eliminate issues of over-greasing, using the wrong kind of grease, or a lack of grease.

Options for polymer-based (EPL) and graphite-based (EGL) solid lubricants with:

- Food grade and non-food formulations
- Capacity for operating in temperatures from -250°F to +650°F (-157°C to 343°C)
- Seals and/or flingers are reinstalled, but bearings can also be provided with the solid lubricant open for visual inspection and maximum content

**Mounted ball bearings**

Stainless steel or ‘KG’ polymer material bearing housings with a wide selection of ball bearing inserts to choose from:

- Stainless steel or other material
- Set screw locking or eccentric
- Value, classic or choice inserts
- Greased or solid lubricated
- Available for every shaft size from 1/4” to 4” (6.4 to 101.6 mm)
- Sealed ball
- Carbon bearings are available
- Blue optically detectable polymer housings available

**Radial Poly-Round® bearings**

EDT Radial Poly-Round® bearings (RPR’s) are manufactured from bearing grade polymers and 316 stainless components, and are designed to directly retrofit deep groove ball bearings and other types of radial bearings.

- USDA accepted
- 100% non-corrosive, zero rust
- Well suited to high impact locations such as conveyor ends or dumpers
- Available in most radial bearing sizes
- Custom configurations available
Applications

Throughout the plant
Conveyors

Poly-Round® bearings are 100% grease-less and non-rusting. Reliable performance, clean operations and long life eliminate red water and regreasing after wash down. Ideal on modular plastic and wire belt conveyors, sprocket driven urethane belts, and conveyor return rollers.

Poly-Round® bearings are unaffected by harsh environments of carcass washers, blood tables and offal, unlike other bearings. Throughout the plant...

Frying / Cooking

Poly-Round® bearings, including blue metal detectable inserts, add an extra level of food safety to operations that involve contact with checked apron tunnels and any sprocket driven packaging equipment.

Metal Detectors

Choose EDT’s solid lubricated ball bearings and stainless steel ball bearings in full and unmounted configurations for maximum reliability and food safety. Metal detector bearings ensure reliable operation and food safety.

Slaughter

Look to grease-less Poly-Round® bearings for:
- less lubrication
- reliable performance
- lower product contamination

Mixing / Grinding

Clean and reliable operating mixer/blender agitator bearings

Packaging

By selecting the optimum Poly-Round® bearing and housing material, you can have bearings that reduce maintenance and production downtime, even in the most challenging processing areas, including broiling, baking and branding.

Choose EDT solid lubricated ball bearings on flat belt conveyors. Solid lubricant eliminates issues relating to maintaining grease.

Contact EDT Corp
1006-J NE 146th Street
Vancouver, WA 98685-1411, USA
Phone: 360.574.7294
Fax: 360.574.3834
Email: salesedt@timken.com
Website: www.edtcorp.com

LITB211-0218