



# Increase Hose Life with **OILCO Swivels**

Built to manage  
the heat of production.

**OILCO brings you  
reliability at every turn**



Scan for swivels

We *know* swivels. We pioneered and manufacture the most extensive line of swivel joints available worldwide. Since 1935, we've helped heavy industry achieve exceptional results with performance products and solutions built to meet rigorous quality and endurance standards. Proudly designed and manufactured in the US. Visit us online at [oilco-usa.com](http://oilco-usa.com)

\*The SSI optimization can increase life expectancy over standard carbon steel units by 30-50%.

**oilco**



**OILCO Liquid Handling Systems**

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# The oilco V-ring Swivel

## Key to steel mill cooling processes

OILCO swivel joints were engineered for steel mills. Rugged, reliable OILCO products are key to cooling processes across steel mills. OILCO swivels break free easily, protecting hose-to-lid connection. Manufactured to exacting tolerances, our highly polished mechanical chambers improve efficiency in the harshest environments.



Pumping vast quantities of on-site water through the lids of iron and steel melting pots brings unique challenges. Let us help you solve them.

### IMPROVE FURNACE-LID CONNECTION

#### Hose Kinks Cause Unexpected Downtime

In 1989, Hose Master® asked OILCO to engineer a swivel that would spin with the hoses so they wouldn't kink when used with furnace lid connections. Our Founder created the **6" 90 Series Unit**, used in steel mills around the world.

### OPTIMIZE WATER RECLAMATION

#### Busted Lines Can Be Catastrophic

Complex reclamation system chemicals eat through parts. **OILCO's Stainless Steel Insert** design won't pit or corrode. A steel mill favorite, our **12" SSI** maximizes material benefit while staying affordable.

### OILCO PRODUCTS HELP STEEL MILL OPERATORS:

- Protect hose-to-lid connections
- Maintain critical circulation systems
- Increase life expectancy

### THE OILCO 90 SERIES SWIVEL JOINT LINE

#### The Steel Mill Edition

Designed with a three 'V' ring seal configuration base, **OILCO's 90 Series** is spring loaded and self-adjusting for normal wear. The flared seal engineering of the 90 Series v-ring creates a tremendous increase in the contact patch sealing area. The 90 Series v-ring forces seal adherence at all times by applying positive, continuous pressure.



### 90 SERIES PRODUCT DETAILS

- 2" to 24" standard availability
- 1000 PSI cold working pressure
- ASTM schedule 40 profile construction
- Stainless steel T-316, carbon steel, aluminum
- Various seal configurations

### OPTIMIZE WITH OILCO'S STAINLESS-STEEL INSERT (SSI) DESIGN

#### WON'T PIT OR CORRODE

Manage the heat of production with OILCO's popular stainless steel / carbon steel hybrid option that maximizes each material's benefits while staying affordable.

- Isolates critical areas of sealing service
- Prolongs seal life and integrity
- 30-50% improved life expectancy\*

### OPTIMIZE WITH OILCO'S LOW TORQUE (LT) BREAKAWAY DESIGN

#### EASY, BY DESIGN

OILCO's low-torque breakaway optimization reduces initial torque reactions up to 65%, more than any other conventional swivel joint. This specifically conditioned **90 Series** is in use in furnace hose assemblies, digester tanks, dock hose arms, and corrosive liquid transfer systems.

- Ease of use for operators in critical areas
- Minimal manual pressure needed to break swivel connection
- Low turbulence internal bore dimensions

