Maintenance Free Oil Shear Clutches & Brakes For The Marine Industry

Force Control Clutches and Brakes are ideal choices for many marine applications such as cranes, hoists, drawworks, winches, or containers, drilling rigs, and large bulk material handing equipment such as trippers, dumpers, loaders or stacker reclaimers.

Force Control products are designed for heavy duty applications. The solid cast iron or cast aluminum, totally enclosed housings, hold internal parts rigid, resist breaking or cracking, and prevent dust, dirt or moisture from entering the friction area.

Oil Shear Technology, the method of flowing torque transmitting transmission fluid through the friction stack, puts a film of fluid between the friction discs and drive plates during high speed slip that reduces mechanical wear, and removes the heat that degrades the friction materials. This process also lubricates the inner components such as anti friction bearings and splines.

The advantages of Clutches and Brakes with Oil Shear Technology over the competition.

- **Longer life**—in typical applications it is not unusual to see 5 to 10 times the service life of most competitive products.
- **No Regular Maintenance**—There is no regular maintenance replacing friction discs, pads, or shoes, bearings, O-rings, or coils.
- **No Adjustment—Ever!**—The unique design and Oil Shear Technology eliminate the need for regular adjustment.
- **Quiet Operation**—the combination of Oil Shear Technology and the heavy sealed housings eliminate the sharp noise of engagement and eliminate any squeal of acceleration or deceleration.
- **Higher Cycle Rates**—Oil Shear Technology enables higher cycles rates by continuously removing heat in the friction stack.
- **Less Down Time**—The unique design, high quality components and Oil Shear Technology mean less chance of failure causing unexpected downtime.

*Annual fluid change recommended for maximum performance and life.*

Made in the USA—Shipped Worldwide

Force Control Industries, Inc. | 3660 Dixie Hwy. Fairfield, Ohio 45014 USA
Phone: 513-868-0900  800-829-3244 | Email: info@forcecontrol.com | www.forcecontrol.com
Force Control Brakes Featuring Oil Shear Technology

MagnaShear
Spring Set—Electric Release Coupler Brake

MagnaShear
Spring Set—Electric Release Motor Brakes—Blower Motor

MagnaShear
Spring Set—Electric Release Motor Brake—Encoder

MagnaShear
Spring Set—Electric Release Low Temp. Motor Brakes

Posistop
Spring Set—Air/Hyd. Release Motor Brakes

Posistop X Class
Spring Set—Air Release Motor Brakes

Posistop X Class
Spring Set—Air Release Custom Air Coupler Brake

Posistop
Spring Set—Air Release Servo Motor Brake

Positorq
Continuous Slip Foot Mounted Brakes

Positorq
Dynamic Stop—Continuous Slip Drawworks Brakes

Positorq
Hold, Dynamic, Continuous Slip Mooring, Anchor Winch Brakes

Positorq
Forced Lube Cooling Unit Hydraulic Actuation

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