

KOP-FLEX®



KOP-FLEX® SERVICE CENTER PROGRAM

FORTHE OIL AND GAS INDUSTRY

REGAL®

Service Center Coupling Program



REPAIR WORN EQUIPMENT AND SAVE 60% TO 90% OF THE COST OF BUYING NEW

It takes knowledge, experience and the proper facilities to repair a highly engineered product.

Kop-Flex® offers:

- Engineers and field service specialists that work with your maintenance staff to understand the unique parameters of your application
- Inspection reports detailing type of wear and/or damage and recommended action
- Exact price quotations
- Repair services for other manufacturers' couplings include recommendations to improve life through design changes and/or material upgrades
- Highly skilled and experienced technicians

Typical savings range from 60% to 90% of the price of a new coupling. Save not only dollars but your precious time as well. Kop-Flex can often inspect, report, quote, repair and ship back to you within two-six weeks. Kop-Flex leads the industry in our ability to respond to your repair needs.



LET AN EXPERT PROVIDE YOU WITH BOTH AN ANALYSIS AND A RECOMMENDATION

Unfortunately, no mechanical product can last forever and couplings are no exception. While Kop-Flex products are designed and built to last, many applications are so severe that rapid wear and/or coupling damage may occur.

Kop-Flex has the largest and most experienced engineering staff in the industry, with an arsenal of modern analysis tools at our disposal including FEA, an in-house R&D center, and a staff focused solely on couplings. Let our technical experts go beyond mere failure analysis by providing our recommendations on how to prevent future coupling problems.

CASE STUDY:

At one major Midwest Gas Plant, our management program has reduced maintenance and spares costs nearly 25%, while at the same time improving reliability and up time. When you consider the tangible, direct-cost savings, reduced down-time and extended component life, you can see how coming to Kop-Flex can reward you with big savings.

KOP-FLEX SERVICE CENTERS OFFER:

- **REPAIR AND REFURBISHMENT**
- **EXPERT FAILURE ANALYSIS**
- **COST SAVINGS THROUGH CONSULTATION**
- **FIELD TECHNICAL SUPPORT**
- **ASSET MANAGEMENT PROGRAM (AMP)**
- **COUPLING REVERSE ENGINEERING**

High Performance Gear, Disc and Diaphragm



AVOIDING DOWNTIME IS CRITICAL IN HIGH PERFORMANCE ENVIRONMENTS

Kop-Flex® can help you recognize significant savings in these applications:

- Petrochemical plants
- Off shore drilling rigs
- Turbomachinery
- Gas/steam turbine-driven compressor drive trains
- Synchronous motor drives
- Boiler feed pumps
- Generator drives in fossil fuel and nuclear power plants

Kop-Flex is the industry authority in turbomachinery with strong technical representation on API and ISO committees as well as active participation in many technical forums. Kop-Flex experts will provide you with objective failure analysis, inspections and reports. Kop-Flex will repair or refurbish any coupling including those manufactured by our

competitors and provide you with a warranty and a proactive plan to reduce costs.

Our process of inspecting and repairing high performance couplings is the most extensive in the industry.



HIGH PERFORMANCE COUPLING INSPECTION AND REPAIR PROCESS

Kop-Flex provides the most extensive evaluation, inspection and repair service in the industry:

- Each component is photographed as received for thorough engineering inspection
- Couplings are disassembled and all components are tagged
- Non-destructive test on torque carrying components is conducted using Magnetic Particle Inspection (MPI), Dye Penetrant and X-ray as required
- Kop-Flex engineers analyze the data and prepare an inspection report detailing findings and offer their expert recommendation on how to refurbish, repair or replace based on the amount of wear and damage
- A quotation for performing the work recommended is submitted back to you within two weeks of receiving your coupling in our facility
- Couplings will be assembled to original specifications, skimmed at assembly, dynamically balanced to API 671 (ISO 10441) or API610 (ISO 13709) – component or assembly – as required by the application and your specifications
- Quick Turnaround - our complete inventory of flex elements and nitrided gear components speeds the process

Once we receive your approval and purchase order, we will immediately refurbish or replace parts as required.

With our worldwide facilities, we can provide prompt service to any of your operations.

Watch our repair and recertification video on

[YouTube.com/user/ThePowerTransmission](https://www.youtube.com/user/ThePowerTransmission)





What **if**...

you could get a like
new coupling for less?

At Regal®... we can repair your used couplings.

No mechanical product can last forever. At Kop-Flex® repair facilities worldwide, we have the equipment and expertise to repair your couplings at a typical savings of 50%. In two to six weeks, Kop-Flex engineers and field specialists work with clients to understand your application, make recommendations to improve life, create inspection reports and provide exact repair quotations. All required repairs are completed and returned with a full hardware replacement and an original factory warranty.

For information about how we can help repair your coupling, call 800-626-2120.

KOP-FLEX®

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APPLICATION CONSIDERATIONS

The proper selection and application of products and components, including the related area of product safety, is the responsibility of the customer. Operating and performance requirements and potential associated issues will vary appreciably depending upon the use and application of such products and components. The scope of the technical and application information included in this publication is necessarily limited. Unusual operating environments and conditions, lubrication requirements, loading supports, and other factors can materially affect the application and operating results of the products and components and the customer should carefully review its requirements. Any technical advice or review furnished by Regal Beloit America, Inc. and/or its affiliates ("Regal") with respect to the use of products and components is given in good faith and without charge, and Regal assumes no obligation or liability for the advice given, or results obtained, all such advice and review being given and accepted at customer's risk.

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