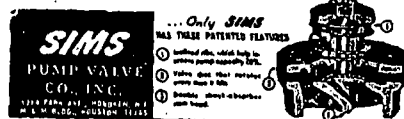


NEW JERSEY PROCESS PLANT SAVES NEW FEED PUMP COST

Expansion plans called for a new boiler, and the Chief Engineer thought he'd need a new feed pump too. Pumps on hand — two 10 x 6 x 10's — often needed repairs to meet existing demand. Leaking valves kept them below capacity most of the time. He tried Sims Pump Valves before the new installation was completed and found, even at slower speeds, his pumps still supplied all the water necessary. When the new boiler was put on the line, the same pumps with Sims Valves carried the load easily.

Three years later the Chief said, "Sims Valves were a good investment." They were — but he couldn't lose anyhow. Sims Valves were guaranteed to give him better performance — complete satisfaction.

See how Sims valves can help with your pump problems. Carried in stock to fit over 40 different makes of reciprocating pumps — and hundreds of sizes — they'll fit your pumps — improve performance. Free catalog shows how.



At Western Piping Supply, the men who weld, align, heat treat and test all have special qualifications for their particular tasks. Most, also, have many years of service with the company.

This combination of skill and experience spells out uniform quality in every job, from job to job, year in, year out. It's a good reason why WPS enjoys an exceptionally high customer repeat rate, and good reason, too, why you should specify WPS when you want superior quality piping.

WESTERN PIPING SUPPLY DIVISION
THE LUMMUS COMPANY
304 WEST 145TH STREET, EAST CHICAGO, INDIANA
Representatives in Major Cities
FABRICATORS OF CARBON AND ALLOY PIPING

The PROOF of the PACKING ... is in the TESTING

Palmetto Pyramid: 17 to 7 — At the Canton Drop Forgings and Mfg. Co., a 5000 lb. Steam Drop Hammer was used to compare Palmetto Pyramid #2500 with a conventional square packing. Results: 24 lbs. of square packing were used in 7 weeks. After the initial packing — rings were added 2 or 3 at a time. This meant approximately 3 complete sets of square packings in 7 weeks.

ONE SET OF PYRAMID #2500 (NO RINGS ADDED) LASTED 17 WEEKS!

PALMETTO PYRAMID
A combination of Strength and Adaptability. Made of endlessly folded fabric, it can't split or fray; being molded, it is much denser and more wear resistant than conventional packings; asbestos-reinforced, it can withstand temperatures of 600° F., patterned on a square, each ring provides a solid base for the one above. This strength, combined with the flexibility of Palmetto Pyramid's design, provides the formula for real heavyduty service.

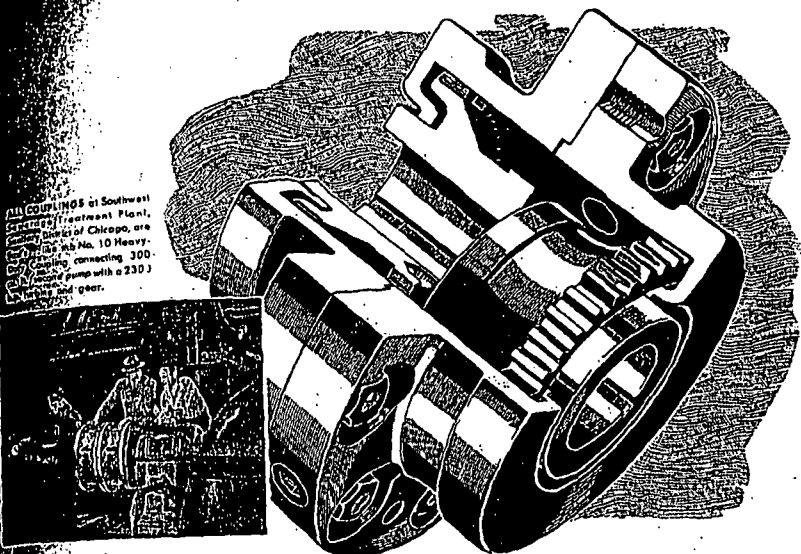
FOUR WAYS FLEXIBLE

1. Single-line contact — facilitates instant response to pressure changes.
2. Lip curve — provides free entrance for pressure medium, assures positive sealing action and thorough lubrication.
3. Lateral surface — is largely sealing surface. Means fewer rings — less friction — longer life.
4. Automatic sealing — means tighter sealing with increasing pressure. But no binding — for adjustment is self compensating through internal pressure. Palmetto Pyramid not only can take it. It can take it longer. Because it rides with the puncher. Send for catalog PC-102 covering complete Palmetto line.



packing more performance into every application
GREENE, TWEED & CO. North Wales, Pa.

POWER • SEPTEMBER 1953



For free engineering service that saves dollars and down-time...

FAST'S Couplings are FIRST!

When you specify Fast's Couplings, you get the benefit of Koppers free engineering service... your assurance of the right coupling for any job and the right solution to tough coupling problems.

FOR EXAMPLE: "Get the drawings and send them down to Koppers" is the standard answer in one plant whenever a tough coupling application arises!

FOR EXAMPLE: After studying a list of spares for stand-by units made up by one customer, a Koppers sales engineer eliminated duplications... resulting

in a smaller order for him but a much smaller inventory for the customer!

Add the rugged construction of Fast's Couplings... with their original design maintained without basic change or sacrifice in size or materials. Add their lowest cost per year... their life expectancy guarantee. Fast's usually outlast the equipment they connect. Result: it will pay you to write today for full details on how Fast's Couplings and Koppers Engineering Service can help you get uninterrupted power transmission! Send for free catalog to: KOPPERS COMPANY, INC., Fast's Coupling Dept., 229 Scott Street, Baltimore 3, Md.



THE ORIGINAL

FAST'S Couplings

INITIAL PRODUCTS DIVISION • KOPPERS COMPANY, INC. • BALTIMORE, MD. The Koppers Division also supplies industry with American Hammer Industrial Piston and Sealing Rings, Koppers-Electrostatic Precipitators, Aeromaster Fans and Gas Apparatus.

Engineered Products Sold with Service

KOPPERS COMPANY, INC., Fast's Coupling Dept., 229 Scott St., Baltimore 3, Md. Overmen: Send me a Fast's Catalog giving detailed descriptions, engineering drawings, capacity tables and photographs.

Name.....
Company.....
Address.....
City..... Zone..... State.....