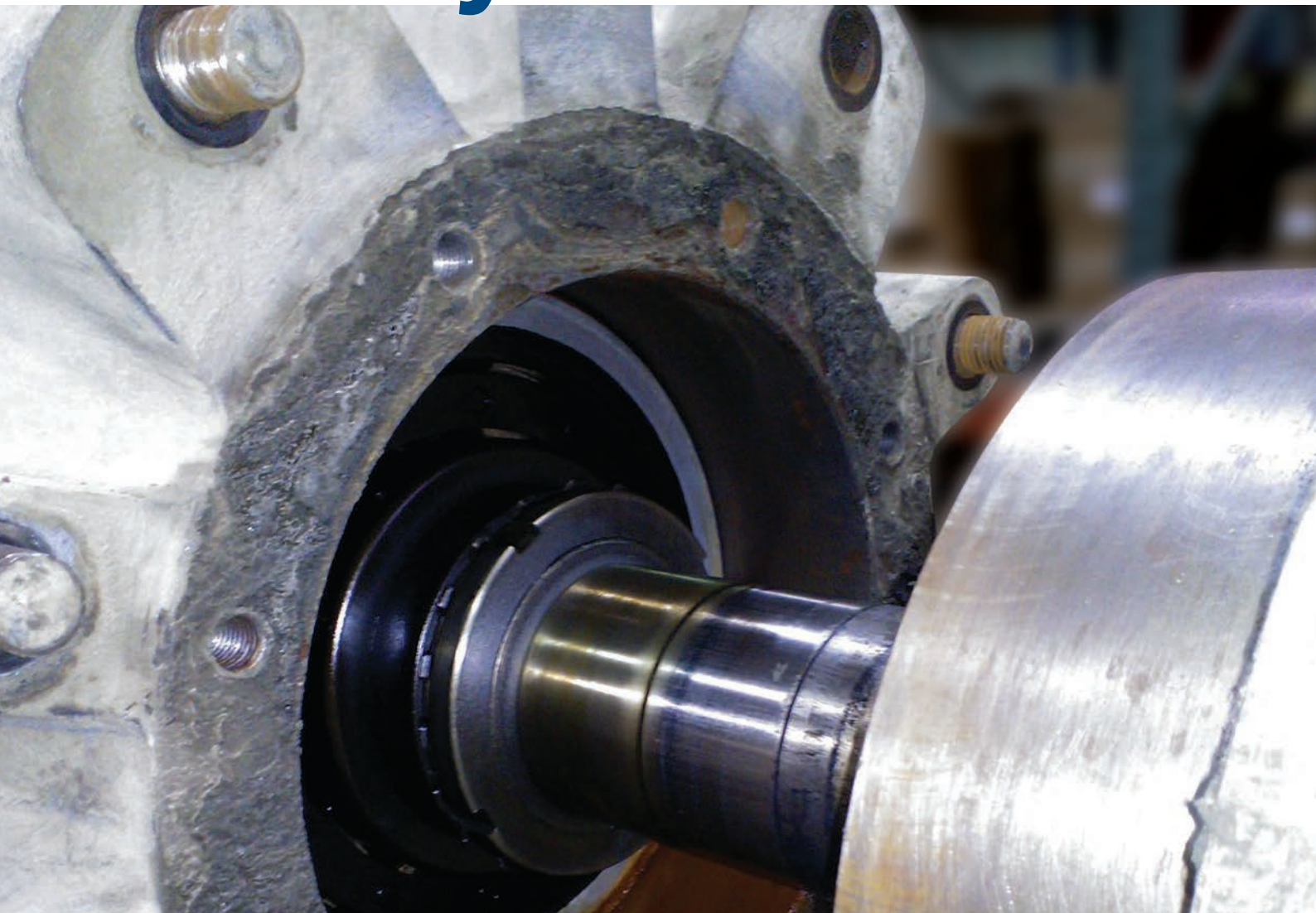


Ful-Vane™ compressor in excellent condition after 50 years



One Source

CASE: Buzzi Unicem

Final inspection revealed excellent resistance to wear and demonstrates remarkable longevity.

50 years of service and still going strong

On June 20th, 1963, Fuller Company (now FLSmidth Inc.) shipped a Ful-Vane™ C250 rotary vane compressor to Lone Star Cement in Amarillo, Texas (now Buzzi Unicem). The compressor was installed and operated from 1963 until 2013. The only maintenance required in those 50 years was a couple of blade changes. Though still running satisfactorily, the compressor was finally retired after 50 years of continuous service and replaced with a new Ful-Vane compressor.

Excellent condition after 50 years of service

After being taken out of service the vintage compressor was shipped to our service center for internal inspection. The heads, rotor, and soft parts (bearings, seals, blades) were in excellent condition, showing no wear. The compressor's cylinder bore had some very minor "washboarding" wear through the years. There were also some wear blemishes on the bore that could have been caused by a sticky blade in the rotor slot or possibly by a faulty oil check valve.

There was no sign of major overhaul (machine and rebuild) to this compressor. This compressor was still in great operational condition. This compressor's 50 year service to the plant is a testament of how a great maintenance program coupled with a durable machine can provide long lasting benefits.



"It is truly a testament to the quality of your equipment."

***--Mike Delcambre,
Terminal Manager, Buzzi Unicem***



Original 1963 nameplate



Compressor cylinder shows very minor wear on initial bore



50-year old rotor still in factory condition

Project Center Denmark

FLSmidth A/S
Vigerslev Allé 77
DK-2500 Valby
Copenhagen
Tel: +45 3618 1000
Fax: +45 3630 1820
E-mail: info@flsmidth.com

Project Center USA

FLSmidth Inc.
2040 Avenue C
Bethlehem, PA 18017-2188
Tel: +1 610-264-6011
Fax: +1 610-264-6170
E-mail: info-us@flsmidth.com

Project Center India

FLSmidth Private Limited
FLSmidth House
34, Egatoor, Kelambakkam
(Rajiv Gandhi Salai, Chennai)
Tamil Nadu – 603 103
Tel: +91-44-4748 1000
Fax: +91-44-2747 0301
E-mail: indiainfo@flsmidth.com