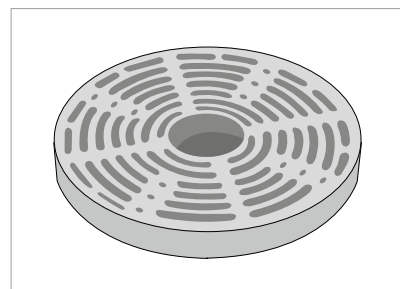
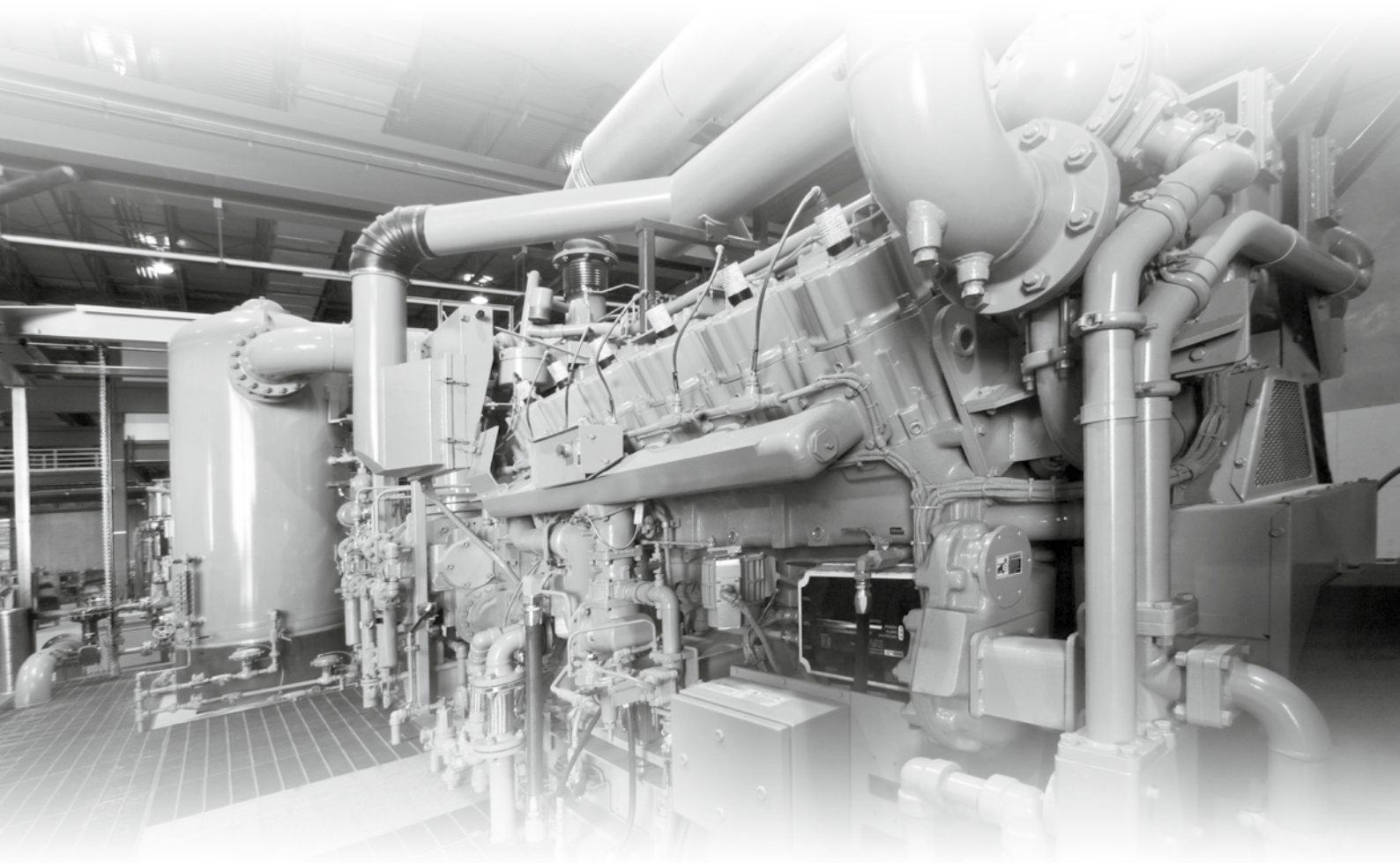


Air power.

BALINIT® coatings for high-performance compressors.



General Engineering



BALINIT® coatings prolonge compressor life.

Components of Industrial compressors have to work under challenging conditions: Reciprocating pistons, screws or valve plates can suffer significant wear when oil-free operation, dry gases, refrigerants, high or low temperature limit the utilization of lubricants. BALINIT® DLC (diamond like carbon) reduces significantly wear and enhances the lifetime of compressor components.

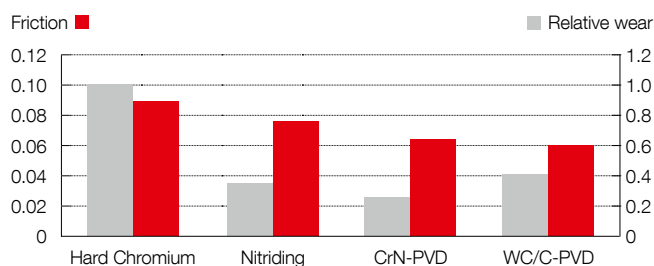
Your advantages with BALINIT® coated compressor components.

- Increased wear resistance due to high hardness
- Longer service life at critical lubricating condition
- Reduced friction of the components and thus higher efficiency

You'll get less wear for mechanical seals and longer life for critical lubrication conditions.



Positive effects of BALINIT® DLC coated wrist pins.



BALINIT® coated piston rings show less friction and wear compared to hard chromium or nitride rings.

We recommend: BALINIT® coatings for optimum efficiency.

Coating	Coating material	Micro-hardness (HV 0.05)	Typical thickness	Colour
BALINIT® DLC	a-c:H	2500	2-4 µm	Black-grey
BALINIT® CNI	CrN	1750	2-40 µm	Silver-grey

There's much more to talk about – please get in touch to discuss what we can do to improve your business.