Air power.
BALINIT® coatings for high-performance compressors.
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.

We recommend: BALINIT® coatings for optimum efficiency.

<table>
<thead>
<tr>
<th>Coating</th>
<th>Coating material</th>
<th>Micro-hardness (HV 0.05)</th>
<th>Typical thickness</th>
<th>Colour</th>
</tr>
</thead>
<tbody>
<tr>
<td>BALINIT® DLC</td>
<td>a:c:H</td>
<td>2500</td>
<td>2-4 µm</td>
<td>Black-grey</td>
</tr>
<tr>
<td>BALINIT® CNI</td>
<td>CrN</td>
<td>1750</td>
<td>2-40 µm</td>
<td>Silver-grey</td>
</tr>
</tbody>
</table>

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

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