Air power.

BALINIT® coatings for high-performance compressors.

空气动力

BALINIT® 涂层为您带来高效压缩机。
BALINIT® coatings prolong compressor life.
BALINIT® 涂层为您的压缩机延长使用寿命

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.

工业压缩机零部件的工作环境具有挑战性；往复式活塞、螺杆或阀片在无润滑油、干气、制冷剂、受限制高温或低温无法使用润滑剂的情况下，遭受到明显的磨损。BALINIT® DLC (类金刚石) 减少磨损，延长压缩机零部件的寿命。

Your advantages with BALINIT® coated compressor components.
经 BALINIT® 涂层的压缩机零部件的优势

- Increased wear resistance due to high hardness
- Longer service life at critical lubricating condition
- Reduced friction of the components and thus higher efficiency
  - 由于其高硬度，增加耐磨性
  - 在缺少润滑油的时候，延长使用寿命
  - 减少零部件间的摩擦，从而提高效率

You’ll get less wear for mechanical seals and longer life for critical lubrication conditions.
减少机械密封件的磨损；在缺少润滑油的时候，延长使用寿命

We recommend: BALINIT® coatings for optimum efficiency.
我们推荐：BALINIT® 涂层为您带来最佳效率

<table>
<thead>
<tr>
<th>Coating 涂层</th>
<th>Coating material 涂层材料</th>
<th>Micro-hardness (HV 0.05) 涂层硬度</th>
<th>Typical thickness 标准厚度</th>
<th>Colour 颜色</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 乌黑灰色</td>
</tr>
<tr>
<td>BALINIT® CNI</td>
<td>CrN</td>
<td>1750</td>
<td>2-40 μm</td>
<td>Silver-grey 银灰色</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.
更多需要了解，请与我们联系

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