Oil carryover contained in the condensate generated during oil lubricated air compression is an industrial waste that can harm the environment. To protect water, wildlife and ecosystems condensate must be treated according to local regulations. In order to reduce the cost of condensate waste management, OSCi offers a unique integrated solution: it will efficiently remove oil from condensate, delivering water which is harmless and can be disposed in a sewage system. The OSCi is available as an option or as a retrofit kit.
Patented design electronically controlled

First tower oleophilic filter sinks by gravity as it adsorbs oil. Second tower filter breaks stable emulsion and prevents bacteria growth. Third tower carbon filter eliminates remaining oil content before condensate disposal.

Benefits of innovation

EXTREME VERSATILITY
Compatible with all kind of condensates including stable emulsion. Standard multiple inlets to collect all possible condensate from the compressor: cooler, dryer and filters

TOTAL RELIABILITY
Overflow alarm: a sensor monitors condensate level
Service alarm: a sensor monitors saturation of buoyant 1st-tower filter
Back-up sight glass

CERTIFIED EFFICIENCY
Third party approval by DIBT (Deutsches Institut für Bautechnik)
Expanding on proven efficiency of patented OSC technology.
Innovative 2nd stage filtration and aeration prevent bacteria and break emulsion

USER FRIENDLINESS
Alarms are clearly displayed on Elektonikon®, compatible with AIRConnect™
Test drain located on compressor side panel for easy control with turbidity sample bottle

EASY MAINTENANCE
Clean exchange thanks to service kit including 3 filters, gloves and buckets
Simple water removal through standard tower bottom drains

COST CONIOUS
No installation required: factory option.
Space saving: no extra footprint as integrated in compressor’s canopy.
Minimal maintenance: high efficiency at low running costs

Technical specifications

<table>
<thead>
<tr>
<th></th>
<th>Max. inlet flow</th>
<th>Weight</th>
<th>Oil outlet content</th>
<th>Outlet drain inner diam.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>l/s</td>
<td>cfm</td>
<td>kg</td>
<td>lbs</td>
</tr>
<tr>
<td>OSCi</td>
<td>315</td>
<td>667</td>
<td>20</td>
<td>44</td>
</tr>
</tbody>
</table>

Condensate outlet <10ppm can be achieved by increasing frequency of filter maintenance and depends on specific conditions

Never use compressed air as breathing air without prior purification in accordance with local legislation and standards.

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