

Oil-Water Separator

OSD22-315Series

for oil injected compressors



An environmental product from Atlas Copco.



Keep your environment clean using the very latest technology .
Invest in the revolutionary Atlas Copco OSD.

It's no secret, condensate from oil injected compressors contains oil. As air is compressed and then cooled, part of the lubricating oil is carried over into the discharged condensate.

Atlas Copco is continually improving the efficiency of oil separation in our compressors, but environmental standards today require a much lower concentration of oil in water destined for disposal. In fact, many states now classify condensate from oil lubricated compressors as a hazardous waste.

So how do you handle this problem of disposing oily condensate?

One way is to hire a licensed contractor to collect and dispose of the condensate. However, this method can be very expensive and inconvenient.

A more sensible solution is to treat the condensate where it is created at the compressor site or preferably inside the compressor package. Atlas Copco's state-of-the-art OSD is a compact oil-water separator that cleans the condensate to a level that exceeds EPA regulations.

The OSD22-315 Series,
Atlas Copco technology applied to oil-water separation

- Suitable for oil injected compressors up to 200 HP
- Available as an integral option for GA5 to 160 Series compressors
- Fully automatic operation
- No use of active carbon
- No power consumption or electrical hook-up
- Long filter life
- Low maintenance
- Extremely reliable

SOLICITAR INFORMACIÓN

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A further step to a quality air package

A Complete Package

Atlas Copco is the only compressor manufacturer to offer a range of oil injected screw compressors with an integrated oil-water separator. The Atlas Copco GA5 to 160 Series compressors is available with a built-in OSD, thus eliminating any concerns about the quality of the condensate. The OSD22-315 deliver a residual oil content of less than 10 ppm, which is far below the average environmental standard.

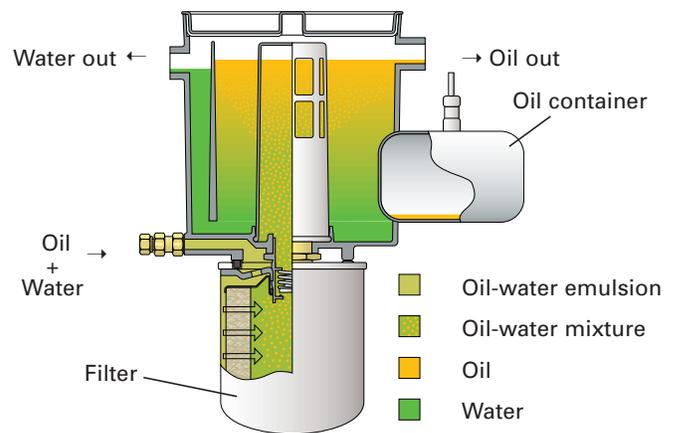


Designed for Simplicity

The working principle of the OSD22-315 is based on demulsification and gravity. Condensate containing fine oil droplets enters the filter which begins the coalescing process. The mixture of water and large oil droplets separates in the water container, as a result of the lower specific gravity of oil.*

The oil rises to the top and flows through the oil outlet into the oil container. Clean water from the bottom exits the water container at a lower level than the oil.

A pressure gauge monitors the pressure at the OSD inlet. If the pressure rises above 29 psig, simply replace the filter (normally once a year).



* The OSD22-315 should not be used as an oil-water separator with lubricants that have a specific gravity equal to or greater than water, such as polyglycols and phosphate esters.

Type	Maximum Compressor Capacity (cfm)	Net Weight (lbs.) Integrated
OSD22	130	18
OSD90	530	20
OSD315	1620	28

The information contained herein is general in nature and is not intended for specific construction, installation or application purposes.

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