

Lloyd's Register EMEA

Validation Certificate

This certificate is issued to:


APPLICANT:	Parker Hannifin Manufacturing Ltd Dukesway Team Valley Trading Estate Gateshead Tyne & Wear NE11 0PZ
PRODUCT DESCRIPTION:	Oil-X Evolution Modular Oil Vapour Removal Filters
FILTRATION GRADES:	OVR Oil Vapour Removal Filters
MODELS:	See Table 1
STANDARDS:	ISO 8573-1:2010 (Contaminants and purity classes) ISO 8573-5: 2001 (Test methods for oil vapour and organic solvent content)

The filters, as described above and as listed in Table 1, have been tested in accordance with the listed standards and the measured average residual oil content was $\leq 0.003\text{mg/m}^3$.

When preceded by OIL-X EVOLUTION Grade AO & AA General Purpose & High Efficiency Coalescing filters, OIL-X EVOLUTION OVR delivered air quality is in accordance with ISO8573-1:2010 Class 0 ($\leq 0.003\text{mg/m}^3$) and Class 1 ($\leq 0.01\text{mg/m}^3$) for total oil (oil aerosol & oil vapour).

Details of the equipment, methodology and results are contained within the Technical Documentation File COV1512236/TDF.

Certificate No:	COV1512262/1
Date of Issue:	2nd October 2015
Certificate Issue	1



DG Hardacre on behalf of Lloyd's Register EMEA

Page 1 of 2

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Declared content of oil vapour in mg/m³ in accordance with ISO 8573-5:

ISO 8573-5 Reference conditions: 20°C; 1barA; 0 Relative water vapour pressure

ISO 8573-5 Test conditions: 20°C; 1barA; 0 Relative water vapour pressure

Delivered air quality: <0.003mg/m³ (OVR must be sized for inlet temperature, pressure & flow to maintain 0.003mg/m³ at site conditions).

These values are within the 95% confidence limit, as required by Section 9 of ISO 8573-5. The testing was performed on 29/07/2015.

<i>Model</i>
OVR300H
OVR350H
OVR400H
OVR450I
OVR500I
OVR550I

Table 1: Filter models