



Lloyd's
Register

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

This certificate is issued to:

PRODUCER	Parker Hannifin Manufacturing Limited
PLACE OF PRODUCTION	Dukesway Team Valley Trading Estate, Gateshead Tyne & Wear NE11 0PZ United Kingdom
DESCRIPTION	OIL-X ACS Oil Vapour Removal Filters
FILTRATION GRADE	ACS Oil Vapour Removal Filters
TYPE	Die-cast: ACSP010, ACSP015, ACSP020, ACSP025, ACSP030, ACSP035, ACSP040, ACSP045, ACSP050, ACSP055 & ACSP060
APPLICATION	Filters for compressed air, nitrogen and all relevant Group 2 gases
STANDARD	ISO8573-1:2010 Contaminant and Purity Classes ISO8573-5:2001 Test Methods for Oil Vapour
RATINGS	Class 0 (0.003mg/ m ³) and Class 1 for total oil (oil vapour & oil aerosol).

"This Certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid certificate."

Certificate No.	16/ 00073(E1)
Issue Date	7 th October 2016
Expiry Date	6 th October 2021
Sheet	1 of 2

D. Hardacre
Lead Specialist – Design Appraisal
LR Inspection Services

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The filters, as described above and in Table 1 have been tested in accordance with ISO8573-5 and when challenged with 0.018 mg/ m³ of oil vapour, the measured residual oil content downstream was <0.003mg/ m³.

When preceded by OIL-X Grade AO (General Purpose) & Grade AA (High Efficiency) Coalescing filters, OIL-X ACS delivered air quality in accordance with ISO8573-1:2010 Class 0 (0.003mg/ m³) and Class 1 for total oil (oil vapour & oil aerosol).

Details of the equipment, methodology and results are contained in Technical Documentation File COV1527423/ TDF.

The Design Appraisal Document No. COV1613518 O-32811/DH and its supplementary Type Approval Terms and Conditions form part of this Certificate

Table 1 : OIL-X Die-Cast Filter Range

ACS Oil Vapour Removal Filters

Test No.	LR Cert Reference	Issue	Standard	Yr Date	Inlet Oil Vapour Challenge	Remaining Oil Content	Filter Grade	Models	Diecast - DC
1	COV0413801/5	3	ISO8573-5	2001	0.018 mg/m ³	<0.003mg/m ³	ACS Grade Filters	(1)	DC
Models	(1) ACSP010,ACSP015,ACSP020,ACSP025,ACSP030,ACSP035,ACSP040,ACSP045,ACSP050,ACSP055 & ACSP060								
Standards	ISO8573-5 ISO8573-1 Test Methods for Oil Vapour and Organic Solvent Content Contaminant and Purity Classes								

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