

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.

Manufacturer	Parker Hannifin Manufacturing Ltd
Address	Dukesway Team Valley Trading Estate, Gateshead, Tyne & Wear, NE11 0PZ, United Kingdom
Type	Air filters
Description	OIL-X Die-cast Filter Range Filtration Grade ACS: Point of Use Oil Vapour Reduction Filter
Trade Name	ACS : PX010, PX015, PX020, PX025, PX030, PX035, PX040, PX045, PX050, PX055 & PX060
Application	Filters for compressed air, nitrogen and all relevant Group 2 gases.
Specified Standard	ISO8573-1:2010 Contaminant and Purity Classes ISO8573-5:2001 Test Methods for Oil Vapour
Ratings	Class 1 for total oil (oil vapour & oil aerosol)
Other Conditions	The filter models described above are rebranded versions of the models tested and listed in table 1, in accordance with ISO8573-5 and when challenged with 0.018 mg/m ³ of oil vapour, the measured residual oil content downstream was <0.003 mg/m ³ .

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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 1 for total oil(oil vapour & oil aerosol).

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

Refer to Table 1 in the appendix for the filter range.

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.

The Design Appraisal Document COV1613518 O-32811/DH & PRJ11100313926 O-38018/PT and its supplementary Type Approval Terms and Conditions form part of this Certificate.

Appendix

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								