

## Institut für Energie- und Umwelttechnik e.V. (IUTA)

Air Quality & Filtration  
Bliersheimer Straße 58 – 60  
D-47229 Duisburg



### - IUTA-CERTIFICATE -

#### Validation of compressed air filters according to ISO 12500-1:2007

(Filters for compressed air – Test methods – Oil aerosols)

**Customer:** Dropout Technology Ltd, UK  
**Tested product:** 3 cartridges “DRO-DC00300PMB” and 3 cartridges “DRO-DM00300PMB”  
mounted in a 3-in-1 filter kit “DRO-DK00300OIL”<sup>o</sup>  
**IUTA test report:** UN2- 170612-T5596900-049

Test parameters	7 bar (e) 18 Sm <sup>3</sup> /h (ANR) = 100% nominal flow rate 10 mg/m <sup>3</sup> ISO VG 46 ( Corena S3 R46)			
	Cartridge 1	Cartridge 2	Cartridge 3	Average
<b>Test results</b>				
<b>Dry pressure drop* (mbar)</b>	446	445	447	446
<b>Saturated pressure drop* (mbar)</b>	445	445	447	446
<b>Mean outlet oil concentration [mg/m<sup>3</sup> (ANR)]**</b>	0.0003	0.0002	0.0006	0.0004
<b>Filtration efficiency</b> (The calculation is based on the data shown in the test report)				

\*Pressure drop measured up- and downstream of the filter-housing.

\*\*Mean value of 3 analyses per cartridge (see test report)

<sup>o</sup>DRO-DK00300OIL is a 3-in-1 filter kit comprising one water remover, one oil filter DRO-DC00300PMB and one particle filter DRO-DM00300PMB.

Duisburg, 09 February 2018

  
Managing Director

Vereinsregister VR 2872, Duisburg  
USt-IdNr DE121321445  
Steuernummer 134/5743/0340

  
Department Head

Zugelassene Prüfstelle im Sinne  
TA Luft 5.4.8.10.3, 5.4.8.11.3

Zertifizierter Entsorgungsbetrieb