

## Quality classes corresponding to ISO 8573-1 (2001)

Class	Maximum number of particles per m <sup>3</sup> Particle size in µm			Class	Pressure Dew Point Concentration of liquid water, C <sub>w</sub>	Concentration total oil (aerosol, liquid and vapour)
	0.1 – 0.5	0.5 – 1.0	1.0 – 5.0			
0	As specified by the equipment user of supplier and more stringent than class 1			0	As specified by the equipment user of supplier and more stringent than class 1	
1	100	1	0	1	≤ - 70°C ( -94°F)	≤ 0.01g/m <sup>3</sup>
2	100,000	1,000	10	2	≤ - 40°C ( -40°F)	≤ 0.1g/m <sup>3</sup>
3	Not Specified	10,000	500	3	≤ - 20°C ( -4°F)	≤ 1g/m <sup>3</sup>
4	Not Specified	Not Specified	1,000	4	≤ + 3°C ( -37.4°F)	≤ 5g/m <sup>3</sup>
5	Not Specified	Not Specified	20,000	5	≤ + 7°C ( -44.6°F)	N/A
Particle size concentration				6	≤ + 10°C ( -50°F)	N/A
6	≤ 5µm and ≤ 5mg/m <sup>3</sup>					
7	≤ 40µm and ≤ 10mg/m <sup>3</sup>					