

## Quality Classes According to ISO 8573-1

ISO 8573- 1:2010  Class	Solid Particles			Water		Oil	
	Maximum number of particles per m <sup>3</sup>			Mass Concentration	Vapor Pressure Dewpoint	Liquid	Total Oil Content [Liquid, Aerosol & Mist]
	0.1 – 0.5 micron	0.5 – 1.0 micron	1.0 – 5.0 micron	mg/m <sup>3</sup>	°C	g/m <sup>3</sup>	mg/m <sup>3</sup>
0	As stipulated by equipment user, stricter requirements than class 1						
1	≤ 20,000	≤ 400	≤ 10	-	≤ - 70	-	0.01
2	≤ 400,000	≤ 6,000	≤ 100	-	≤ - 40	-	0.1
3	-	≤ 90,000	≤ 1,000	-	≤ - 20	-	1
4	-		≤ 10,000	-	≤ +3	-	5
5	-		≤ 100,000	-	≤ +7	-	-
6	-			≤ 5	≤ +10	-	-
7	-			5 - 10	-	≤ 0.5	-
8	-			-	-	0.5 - 5	-
9	-			-	-	5 - 10	-
x	-			> 10	-	> 10	> 10