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Compressed air — Contaminant measurement —

Part 2: Oil aerosol content

Air comprimé — Mesurage de contaminants —

Partie 2: Teneur en aérosols d'huile



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Foreword

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This document was prepared by Technical Committee ISO/TC 118, *Compressors and pneumatic tools, machines and equipment*, Subcommittee SC 4, *Air treatment technology*.

This third edition cancels and replaces the second edition (ISO 8573-2:2007), which has been technically revised.

A list of all the parts in the ISO 8573 series can be found on the ISO website.

Introduction

This document requires the use of solvents to extract the oil captured on the sampling disc used in the sampling process. As a result of world-wide agreements such as the Montreal Protocol on the reduction of ozone depleting substances, a number of solvents used, for example 1,1,2 trichlorotrifluoroethane (TCTFE) have become subject to application restrictions. The revision of this document in 2007 did not identify a solvent but indicated the required characteristics.

This revision introduces the use of equipment that does not require the use of specific solvents and also an alternative solvent with reduced properties for the current method.

This revision will also include guidance to methods which provide an indication of oil aerosol content in compressed air.