
**Methods of test for full-flow lubricating oil
filters for internal combustion engines —**

Part 3:

**Resistance to high differential pressure and to
elevated temperature**

*Méthodes d'essai des filtres à huile de lubrification à passage intégral pour
moteurs à combustion interne —*

*Partie 3: Résistance aux pressions différentielles élevées et aux hautes
températures*



Contents

1 Scope	1
2 Normative references	1
3 Definitions	1
4 Graphical symbols.....	1
5 Operational characteristics to be tested	1
6 Filter to be tested.....	1
6.1 Filter type.....	2
6.2 Filter element	2
7 Test rig.....	2
7.1 Sump.....	2
7.2 Regulating valves	2
7.3 Flow meter	2
7.4 Filter mounting.....	2
8 Test liquids.....	6
8.1 Test liquids for test of ability to withstand high differential pressure	6
8.2 Test liquid for test of ability to withstand elevated temperature	6
9 Accuracy of test condition measurements	6
10 Test procedure.....	6
10.1 Test for ability to withstand high differential pressure	6
10.2 Test for ability to withstand elevated temperature.....	7
11 Report of test results.....	7
11.1 High differential pressure test.....	7
11.2 Elevated temperature test.....	8
Annex A (informative) Bibliography	9

© ISO 1997

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

International Organization for Standardization
Case postale 56 • CH-1211 Genève 20 • Switzerland
Internet central@iso.ch
X.400 c=ch; a=400net; p=iso; o=isocs; s=central

Printed in Switzerland