© ISO #### – All rights reserved	0	ISO	#### -	- All	rights	reserved
----------------------------------	---	-----	--------	-------	--------	----------

ISO/DIS TS DTS 19858:2023(E)

ISO/TC-23/SC-1

Secretariat:-SIS

Date: 2023-10-2

Forestry machines — Portable chain-saws— Test method for evaluating saw chain lubricity

iTeh Standards (https://standards.iteh Document Preview

https://standards.it<mark>DIS</mark>FDIS stage^{4-37cb-44c3-81c}

Warning for WDs and CDs

This document is not an ISO International Standard. It is distributed for review and comment. It is subject to change without notice and may not be referred to as an International Standard.

Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

Formatted	(
Style Definition	(
Style Definition	<u></u>
Style Definition	<u></u>
Style Definition	
Style Definition	<u></u>
Style Definition	
Style Definition	<u></u>
Style Definition	(
Style Definition	<u></u>
Style Definition	[
Style Definition	(
Style Definition	[
Style Definition	[
Style Definition	<u></u>
Style Definition	(
Style Definition	<u></u>
Style Definition	(
Style Definition	<u></u>
Style Definition	(
Style Definition	<u></u>
Style Definition	[
Style Definition	
Style Definition	[
Style Definition	<u></u>
Style Definition	[
Style Definition	
Style Definition	[
Style Definition	
Style Definition	[
Style Definition	[
Style Definition	<u></u>
Style Definition	[
Style Definition	[
Style Definition	[
Style Definition	<u></u>
Style Definition	[
Formatted	[
Formatted	[
Formatted	
Formatted	<u></u>
Formatted	
Formatted	<u></u>
Formatted	[
Formatted	<u></u>
Formatted	

Formatted

ISO #####-#:###(X)

© ISO 20XX

iTeh Standards (https://standards.iteh.ai) Document Preview

ISO/DTS 19858

https://standards.iteh.aj/catalog/standards/sist/1fc8eee4-37cb-44c3-81c1-8a23c330cdac/iso-dts-19858

_ISO/DIS TSDTS 19858:2023 (:(E)

© ISO 2023

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office CP 401 • Ch. de Blandonnet 8 CH-1214 Vernier, Geneva Phone: + 41 22 749 01 11

EmailE-mail; copyright@iso.org Website: www.iso.org

Published in Switzerland

Formatted: Left, Space After: 0 pt, Line spacing: single

Formatted: Font: 11 pt, Bold

Formatted: Font: 11 pt, Bold
Formatted: Font: 11 pt, Bold

Formatted: Left: 1.9 cm, Right: 1.9 cm, Bottom: 1 cm, Gutter: 0 cm, Header distance from edge: 1.27 cm, Footer distance from edge: 0.5 cm

Formatted: Indent: Left: 0 cm, Right: 0 cm, Adjust space between Latin and Asian text, Adjust space between Asian text and numbers

Formatted: French (Switzerland)

Formatted: French (Switzerland)

Formatted: French (Switzerland)

Formatted: French (Switzerland)

Formatted: English (United Kingdom)

iTeh Standards (https://standards.iteh.ai) Document Preview

ISO/DTS 19858

https://standards.iteh.ai/catalog/standards/sist/lfc8eee4-3/cb-44c3-81c1-8a23c33Ucdac/iso-dts-19858

Formatted: Font: 11 pt

Formatted: Space After: 0 pt, Line spacing: single

Formatted: Font: 11 pt

Formatted: Font: 11 pt

JSO/DIS TSDTS 19858:2023 (:(E) Formatted: Font: 11 pt, Bold Formatted: Font: 11 pt, Bold Formatted: Space After: 0 pt, Line spacing: single Contents Formatted: Font: 11 pt, Bold Foreword Introduction..... Normative references 1 Terms and definitions ______1 <u>4.1 General</u>_____1 4.2 Major components......1 5 Test procedure 4 5.1 Ambient temperature......4 5.2 Test parameters..... 5.3 Chain elongation after the run-in period4 6 Measurements 4 6.1 Chain elongation 6.2 Guide bar wear..... 6.3 Temperature ______9 Results..... Foreword iv Scope 1 tps://standards.iteh.ai/catalog/standards/sist/1fc8eee4-37cb-44c3-81c1-8a23c330cdac/iso-dts-19858 3 Terms and definitions 1 Test rig2 4.1 General 4.2 Major components 2 5 Test procedure3 5.1 Ambient temperature 3 5.2 Test parameters 3 5.3 Chain elongation after the run-in period 5.4 Chain elongation and wear of the guide bar after the long duration test

© ISO_###_2023_- All rights reserved

6.1 Chain elongation 4
6.2 Guide bar wear5
6.3 Temperature 7

Results 7

7 Information to be reported 7

Formatted: Space After: 0 pt, Line spacing: single
Formatted: Font: 11 pt

Formatted: Font: 11 pt

JSO/DIS TSDTS 19858:2023 (:(E)

Formatted: Font: 11 pt, Bold

Formatted: Left, Space After: 0 pt, Line spacing: single

Formatted: Font: 11 pt, Bold
Formatted: Font: 11 pt, Bold

iTeh Standards (https://standards.iteh.ai) Document Preview

ISO/DTS 19858

https://standards.iteh.ai/catalog/standards/sist/1fc8eee4-37cb-44c3-81c1-8a23c330cdac/iso-dts-19858

Formatted: Font: 11 pt

Formatted: Space After: 0 pt, Line spacing: single

Formatted: Font: 11 pt

Formatted: Font: 11 pt

ISO/DIS TSDTS 19858:2023 (:(E)

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part_1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part_2 (see www.iso.org/directives).

Attention is drawn[SO draws attention to the possibility that some of the elementsimplementation of this document may be involve the subjectuse of (a) patent(s). ISO takes no position concerning the evidence, validity or applicability of any claimed patent rights- in respect thereof. As of the date of publication of this document, ISO had not received notice of (a) patent(s) which may be required to implement this document. However, implementers are cautioned that this may not represent the latest information, which may be obtained from the patent database available at www.iso.org/patents. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 23, Tractors and machinery for agriculture and forestry, Subcommittee SC 17, Manually portable (hand-held) powered lawn and garden equipment and forest machinery.

This second edition cancels and replaces the first edition (ISO/TS 19858:2015), which has been technically revised.

The main changes $\overline{\mbox{compared to the previous edition}}$ are as follows:

- specifying a sampling rate for temperature measurement;
- ———adaptation of the cutting set to products available on the market;
- ___adaptation of the measuring distance;
- correction of the standard for viscosity measurement;
- Improvement improvement of the image quality.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Formatted: Font: 11 pt, Bold

Formatted: Space After: 0 pt, Line spacing: single

Formatted: Font: 11 pt, Bold
Formatted: Font: 11 pt, Bold

Field Code Changed

123C330Cuac/180-uts-19636

Formatted: Font: English (United Kingdom)

Field Code Changed

Formatted: Space After: 0 pt, Line spacing: single

Formatted: Font: 11 pt
Formatted: Font: 11 pt

© ISO ####_2023_ All rights reserved