

---

---

**Lubricants, industrial oils and  
related products (Class L) — Family C  
(gears) —**

**Part 3:  
Specifications for greases for enclosed  
and open gear systems**

*Lubrifiants, huiles industrielles et produits connexes (Classe L) —  
Famille C (engrenages) —*

*Partie 3: Spécifications des graisses pour engrenages sous carter et  
engrenages nus*

ISO 12925-3:2021

<https://standards.iteh.ai/catalog/standards/iso/2d760a02-9407-44ff-a89e-f7996932c150/iso-12925-3-2021>



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

[ISO 12925-3:2021](https://standards.iteh.ai/catalog/standards/iso/2d760a02-9407-44ff-a89e-f7996932c150/iso-12925-3-2021)

<https://standards.iteh.ai/catalog/standards/iso/2d760a02-9407-44ff-a89e-f7996932c150/iso-12925-3-2021>



**COPYRIGHT PROTECTED DOCUMENT**

© ISO 2021

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  
Email: [copyright@iso.org](mailto:copyright@iso.org)  
Website: [www.iso.org](http://www.iso.org)

Published in Switzerland

# Contents

	Page
<b>Foreword</b> .....	<b>iv</b>
<b>Introduction</b> .....	<b>v</b>
<b>1 Scope</b> .....	<b>1</b>
<b>2 Normative references</b> .....	<b>1</b>
<b>3 Terms and definitions</b> .....	<b>2</b>
<b>4 Sampling</b> .....	<b>3</b>
<b>5 Greases for gear systems</b> .....	<b>3</b>
5.1 Penetrability of gear greases.....	3
5.2 Classes of gear greases.....	3
5.2.1 Greases for enclosed gear systems CKG.....	3
5.2.2 Greases for open and semi-enclosed gear systems CKL.....	3
<b>6 Classification of greases for gear systems</b> .....	<b>3</b>
6.1 Classification of greases for enclosed gear systems.....	3
6.2 Classification of greases for open and semi-enclosed gears.....	5
6.3 Environmentally acceptable gear greases.....	6
6.3.1 Requirements.....	6
6.3.2 Biodegradability.....	7
6.3.3 Acute daphnia or copepods toxicity.....	7
<b>7 Specifications of greases for gear systems</b> .....	<b>7</b>
7.1 General.....	7
7.2 Specifications of greases for gear systems.....	7
<b>Bibliography</b> .....	<b>10</b>

ISO 12925-3:2021

<https://standards.iteh.ai/catalog/standards/iso/2d760a02-9407-44ff-a89e-f7996932c150/iso-12925-3-2021>