



भारतीय मानक ब्यूरो

(उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय, भारत सरकार)

BUREAU OF INDIAN STANDARDS

(Ministry of Consumer Affairs, Food & Public Distribution, Govt. of India)

मानक भवन, 9 बहादुरशाह जफर मार्ग नई, दिल्ली-110002

Manak Bhavan, 9 Bahadur Shah Zafar Marg, New Delhi-110002

Phones: 23230131 / 23233375 / 23239402

Website: www.bis.org.in, www.bis.gov.in

DRAFT INDIAN STANDARD IN WIDE CIRCULATION

Reference : 14340

Date : 18 August 2023

TECHNICAL COMMITTEE : Lubricants And their Related Products, PCD 25

To,

All concerned

Dear Madam/Sir,

The following document has been prepared by the Lubricants And their Related Products Sectional Committee, PCD 25. Please [click here](#) to view the document.

Document Number : PCD 25 (14340) WC

**Title of the document : MULTIPURPOSE GREASE FOR AUTOMOTIVE APPLICATIONS?
SPECIFICATION**

Document Type : Revision of Indian Standard (IS 12203 : 1999, IS 12203 : 1999)

This document has following salient features which may require specific attention for your valuable comments:

- 1) This standard prescribes the requirements and method of sampling and test for multipurpose grease suitable for applications on all automotive vehicles and also as wheel bearing grease operating at temperatures ranging from -20 °C to 120 °C.*
- 2) The second revision has been brought out to keep pace with the latest technological developments and international practices. In this revision, the following changes have been made: a) Title of the specification 'Lithium Base Grease for Automotive Purpose' has been modified to 'Multipurpose Grease for Automotive Applications', as any soap-based material can be used to meet the various requirements given in Table 1. This modification is done, in light of current requirements and advancement in the field of lubrication technology in the country and also to eliminate/reduce spurious product suppliers from the market. b) The requirements of free organic acidity, elastomer NBRL compatibility, life performance of wheel bearing and low temperature torque have been modified as relevant to the industry/based on the end use applications etc. c) Four-ball weld load test has been also incorporated to check the extreme properties for grade 3 in which 3 percent Molybdenum disulphide is used. d) Cl*

Please examine the document and share your comments regarding further improvement in the document.

Last date for sharing the comments is : 17 September 2023

The comments should be shared in the prescribed template through this portal only; and the comments so received shall be taken up by the Sectional Committee for necessary action. For any other query, please write an email at

pcd@bis.gov.in to the undersigned at Bureau of Indian Standard, Manak Bhawan, 9, Bahadur Shah Zafar Marg, New Delhi.

In case no comments are received, we would presume your approval of the documents. However, in case we receive any comments on the document, the same shall be put up to the Sectional Committee for necessary action.

Thanking You,

Yours faithfully,
(ITS ADMIN)
Head (Petroleum, Coal and Related Products Department)
Email: pcd@bis.gov.in



व्यापक परिचालन में मसौदा(दे)

हमारा सन्दर्भ : 14340

दिनांक : 18-08-2023

तकनीकी समिति : Lubricants And their Related Products Sectional Committee, PCD 25

प्राप्तकर्ता : रूचि रखने वाले सभी निकाय

महोदय/या,

निम्नलिखित मसौदा तैयार किया गया है :

प्रलेख संख्या : PCD 25 (14340) WC

शीर्षक :

कृपया इस/इन मानक(को)/संशोधन(नो) के मसौदे(दो) का अवलोकन करें और अपनी सम्मतियाँ यह बताते हुए भेजें कि यदि ये मानक(को) के संशोधन(नो) के रूप में प्रकाशित हो तो इन पर अमल करने में आपके व्यवसाय अथवा कारोबार में क्या कठिनाइयां आ सकती हैं।

सम्मतियाँ भेजने की अंतिम तिथि : 17 September 2023

सम्मतियाँ, यदि कोई हों तो, कृपया यहाँ क्लिक करके ऑनलाइन पोर्टल के माध्यम से ऊपर दी गयी अंतिम तिथि तक दर्ज कराएं।

यह/ये प्रलेख भारतीय मानक ब्यूरो की वेबसाइट www.bis.gov.in पर भी उपलब्ध है/हैं।

धन्यवाद।

भवदीय/भवदिया,
विभाग प्रमुख का नाम : ITS ADMIN
(Petroleum, Coal and Related Products Department)
ई-मेल : pcd@bis.gov.in