



## DRAFT INDIAN STANDARD IN WIDE CIRCULATION

Reference : PCD 25(25217)

Date : 10 April 2024

**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 (25217) WC**

**Title of the document : GEAR LUBRICANTS FOR ENCLOSED INDUSTRIAL GEAR DRIVES SPECIFICATION**

**Document Type : Revision of Indian Standard (IS 8406 : 1993)**

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

- 1) This standard covers lubricants intended for use in enclosed and semi-enclosed industrial gear systems employing the following types of gears where tooth pressures and pitch line velocities are such that the use of straight mineral oil is unsuitable: a) Spur; b) Straight bevel; c) Spiral bevel; d) Worm; e) Herring-bone; and f) Helical.*
- 2) This third revision has been brought out to keep pace with the latest technological developments and international practices. Accordingly, the Committee has drawn considerable assistance from the latest specification of American Gear Manufacturers Association, ANSI/AGMA 9005-F16, March 2016 'Industrial Gear Lubrication'. The major changes made are mentioned below: a) Values for demulsibility of R & O type and EP lubricants have been updated; b) Requirement of air release value for lubricants has been removed; c) Requirement of Timken EP test for EP lubricants has been removed; d) FZG test requirement has been updated; and e) Referee test methods have been updated.*

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

**Last date for sharing the comments is : 09 June 2024**

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](mailto: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,**  
**(MEENAL PASSI)**  
**Head (Petroleum, Coal and Related Products Department)**  
**Email: [pcd@bis.gov.in](mailto:pcd@bis.gov.in)**



**व्यापक परिचालन में मसौदा(दे)**

हमारा सन्दर्भ : PCD 25(25217)

दिनांक : 10-04-2024

**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 (25217) 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 : 09 June 2024**

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](http://www.bis.gov.in) पर भी उपलब्ध है/हैं।

धन्यवाद।

भवदीय/भवदिया,  
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