



भारत सरकार - रेलमंत्रालय
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Government of India - Ministry of Railways
Research, Designs & Standards Organization,
LUCKNOW - 226011



No. EL/1.3.10/3

Date: As signed

प्रधानमुख्य विद्युत अभियंता,

Principle Chief Electrical Engineers,

1. मध्य रेलवे, मुम्बई सीएसटी-400 001
2. पूर्व मध्य रेलवे, हाजीपुर-844 101
3. पूर्वतटीय रेलवे, चन्द्रशेखरपुर, भुवनेश्वर-751 023
4. पूर्व रेलवे, फेयली प्लेस, कोलकाता-700 001
5. उत्तर मध्य रेलवे, ब्लाक ए-2, रुधेदारगंज
इलाहाबाद- 211 033
6. उत्तररेलवे, बड़ौदा हाऊस, नई दिल्ली-110 001
7. उत्तर पश्चिम रेलवे जयपुर- 302006
8. उत्तर पूर्व रेलवे गोरखपुर- 273001
9. दक्षिण मध्य रेलवे, रेल निलयम, सिकंदराबाद-500 371
10. दक्षिण पूर्व मध्य रेलवे, बिलासपुर- 495 004
11. दक्षिण पूर्व रेलवे, गार्डेनरीच, कोलकाता-700 043
12. दक्षिण रेलवे, पार्क टाउन, चेन्नई-600 003
13. दक्षिण पश्चिम रेलवे हुबली-580020
14. पश्चिम मध्य रेलवे, जबलपुर-482 001
15. पश्चिम रेलवे, चर्चगेट, मुम्बई- 400 020
16. पूर्वोत्तर सीमांत रेलवे, पान्दुपोर्टरोड, मालीगाँव,
गुवाहाटी, असम-781012
17. चित्तरंजन रेल इंजन कारखाना, चित्तरंजन- 713 331
18. बनारस रेल इंजन कारखाना बागणसी 221 004
19. पटियाला रेल इंजन कारखाना पटियाला 147 003

1. Central Railway, Mumbai, CST-400 001.
2. East Central Railway, Hazipur-844 101.
3. East Coast Railway, Chandrashekharpur, Bhubaneswar-
751 016.
4. Eastern Railway, Fairlie Place, Calcutta-700 001.
5. North Central Railway, Block-A, Subedarganj, Allahabad-
211 033.
6. Northern Railway, Baroda House, New Delhi-110 001.
7. North Western Railway, Jaipur- 302 006
8. North Eastern Railway, Gorakhpur-273001
9. South Central Railway, Secunderabad-500 071.
10. South East Central Railway, Bilaspur-495 004.
11. South Eastern Railway, Garden Reach, Kolkata-700043.
12. Southern Railway, Park Town, Chennai-600 003.
13. South Western Railway, Hubli- 580020
14. West Central Railway, Jabalpur-482 001.
15. Western Railway, Churchgate, Mumbai-400 020
16. North East Frontier Railway, Pandu Port Road, Maligaon,
Guwahati, Assam 781012 331
17. Chittaranjan Locomotive Works, Chittaranjan-713 331
18. Banaras Locomotive Works, Varanasi-221 004
19. Patiala Locomotive Works, Patiala, Punjab- 147 003

Amendment No.-1

SPECIAL MAINTENANCE INSTRUCTION NO. RDSO/2018/EL/SMI/0324 (Rev '0') Dated 24.8.2018

Sub: Amendment no-1 in SMI 0324 (Rev'0') dated 24.08.2018 for condition monitoring of Gear case oil to detect defects in bull gear, pinion and Motor Suspension Unit (MSU).

Ref.: Railway board letter no. 2024/Elect (TRS)/138/4 dated 15.07.2025.

Amendment no-1 of SMI 0324 (Rev'0') dated 24.08.2018 for condition monitoring of Gear case oil to detect defects in bull gear, pinion and Motor Suspension Unit (MSU) is being issued and enclosed herewith for necessary action.

Encl: As above

Handwritten signature
18-08-25

(Nirdosh Kumar Gupta)
Director Standards Electrical/Mech.



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Amendment No.-1

SPECIAL MAINTENANCE INSTRUCTION NO. RDSO/2018/EL/SMI/0324 (Rev '0') Dated 24.8.2018

Sub: Amendment no-1 in SMI 0324 (Rev'0') dated 24.08.2018 for condition monitoring of Gear case oil to detect defects in bull gear, pinion and Motor Suspension Unit (MSU).

Ref.: Railway board letter no. 2024/Elect (TRS)/138/4 dated 15.07.2025.

The periodicity of checking metal content in gear case oil to detect defects in bull gear, pinion and Motor Suspension Unit (MSU) has been revised as per decision of Railway Board on recommendation of 42nd Maintenance Study Group (Electric Loco) meeting agenda item.

The existing clause of SMI 0324 (Rev '0') are modified as below:

SN	Clause of SMI 0324	Existing	Modified
1	4.2	Modified Instructions Metal content of gear case oil to be checked after periodic replacement of gear case oil, during every IC0/IC schedule and overhauling of the locomotive. Records of metal content to be maintained for reference and base line determination.	Modified Instructions Metal content of gear case oil to be checked after periodic replacement of gear case oil, in every schedule and overhauling of the locomotive. Records of metal content to be maintained for reference and base line determination.
2	7.	Periodicity of Implementation: During IC0/IC schedules and overhauling of the locomotive.	Periodicity of Implementation: In every schedule and overhauling of the locomotive.

Handwritten signature and date: 18.08.25

(Nirdosh Kumar Gupta)
Director Standards Electrical/Mech.