



भारतसरकार-रेलमंत्रालय  
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Research, Designs & Standards Organization,  
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No. EL/3.2.108/Lube

Dated: As signed

Principal Chief Electrical Engineer	प्रधान मुख्य विद्युत अभियंता
Central Railway, Mumbai, CST-400 001	मध्य रेलवे, मुम्बई सीएसटी -400 001
East Central Railway, Hazipur-844 101	पूर्व मध्य रेलवे, हाजीपुर-844 101
East Coast Railway, Chandrashekharpur, Bhubaneswar -751016	पूर्व तटीय रेलवे, चन्द्रशेखरपुर, भुवनेश्वर-751 023
Eastern Railway, Fairlie Place, Kolkata -700001	पूर्व रेलवे, फेयर्ली प्लेस, कोलकाता-700 001
North Central Railway, Block-A, Subedarganj, Allahabad - 211033	उत्तर मध्य रेलवे, ब्लॉक ए-2, सुबेदारगंज इलाहाबाद - 211 033
North East Frontier Railway, Maligaon, Guwahati-781011	उत्तर पूर्व फ्रंटियर रेलवे मालीगाँव गुवाहाटी-781 011
North Western Railway, Jaipur- 302 006	उत्तर पश्चिम रेलवे जयपुर- 302 006
Northern Railway, Baroda House, New Delhi-110 001	उत्तर रेलवे, बड़ौदा हाऊस, नई दिल्ली-110 001
North Eastern Railway, Gorakhpur-273001	उत्तर पूर्व रेलवे गोरखपुर- 273001
South Central Railway, Secunderabad-500 071	दक्षिण मध्य रेलवे, रेल निलायम्, सिकंदराबाद-500 371
South East Central Railway, Bilaspur-495004	दक्षिण पूर्व मध्य रेलवे, बिलासपुर - 495 004
South Eastern Railway, Garden Reach, Kolkata- 700 043	दक्षिण पूर्व रेलवे, गार्डनरीच, कोलकाता-700 043
Southern Railway, Park Town, Chennai-600 003	दक्षिण रेलवे, पार्क टाउन, चेन्नई-600 003
West Central Railway, Jabalpur-482001	पश्चिम मध्य रेलवे, जबलपुर-482 001
Western Railway, Churchgate, Mumbai-400 020	पश्चिम रेलवे, चर्चगेट, मुम्बई- 400 020
South Western Railway, Hubli- 580 020	दक्षिण पश्चिम रेलवे हुबली-580 020
Chittaranjan Locomotive Works, Chittaranjan, Distt. Burdwan (WB)- 713 331	चित्तरंजन रेल इंजन कारखाना, चित्तरंजन - 713331
Banaras Locomotive Works, Varanasi-221 004	बनारस रेल इंजन कारखाना, वाराणसी 221 004
Patiala Locomotive Works, Patiala	पटियाला रेल इंजन कारखाना, पटियाला

**Sub:** Amendment no. 04 to Technical Circular No. RDSO/2013/EL/TC/0034 (Rev-04) dated: 21.07.2008 for additional approved lubricants used on WAP-5/WAP-7/WAG-9 Electric Locomotive.

**Ref:** Technical Circular No. RDSO/2013/EL/TC/0034 (Rev-04) dated: 21.07.2008.

1. RDSO vide letter under reference had issued the Technical Circular No. RDSO/2013/EL/TC/0034 (Rev-04) dated: 21.07.2008 for approved lubricants used on WAP-5/WAP-7/WAG-9 three phase Electric Locomotives.
2. At present there are two approved source of gear box oil for WAP-7 & WAG-9 i.e. M/s IOC make 'Serosyn gear 460 RR' & M/s HPCL make 'Parthan RR 460'. Now one more indigenous source of gear box oil for WAP-7 & WAG-9 namely M/s Balmer Lawrie make 'Balmerol Syntac 460EE oil' is approved after successful trial.
3. At present there are two approved source of gear box oil for WAP-5 i.e. M/s Castrol make 'Optimol Optigear 220' & M/s HPCL make 'Parthan RR 220'. Now one more indigenous source of gear box oil for WAP-5 namely M/s Balmer Lawrie make 'Balmerol Protogear AM 220' is approved after successful trial.
4. In view of above, the amendment-04 to Technical Circular No. RDSO/2013/EL/TC/0034 (Rev-04) dated: 21.07.2008 as given below is issued:

	Sl. No. as indicated in TC-34 (Rev-04)	Application	Currently approved Lubrication	
			Imported	Indigenous
Existing	6 & 7	Gear Box Oil (WAG-9 & WAP-7)	---	'Serosyn gear 460 RR' (IOC), 'Parthan RR 460' (HPCL).

Modified (Amendment no. 04)	6 & 7	Gear Box Oil (WAG-9 & WAP-7)	---	'Serosyn gear 460 RR' (IOC) 'Parthan RR 460' (HPCL) & 'Balmerol Syntrac 460EE ' (Balmer Lawrie)
Existing	8	Gear Box Oil (WAP-5)	Optimol Optigear 220	'Parthan RR 220' (HPCL)
Modified (Amendment no. 04)	8	Gear Box Oil (WAP-5)	Optimol Optigear 220	'Parthan RR 220' (HPCL) & 'Balmerol Protogear AM 220' (Balmer Lawrie)

This is for kind information please.

*pld*  
25.06.25

(Nirdosh Kumar Gupta)  
Director Standards Electrical/Mech.

**Copy to:** Secretary (Traction), Railway Board, Rail Bhawan, New Delhi-110001.