
British Railways Board

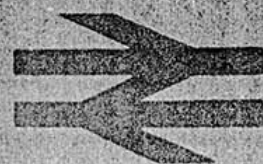
Chief Engineer (Traction & Rolling Stock) Department

SCHEDULE OF GREASES AND TRACTION MOTOR
GEAR LUBRICANTS FOR USE ON

Diesel Multiple Units, Electric Multiple Units, Carriages and Wagons.

(EXCLUDING DIESEL ELECTRIC PULLMAN TRAINS)

Standard Range



SCHEDULE OF GREASES AND TRACTION
MOTOR GEAR LUBRICANTS FOR USE
ON

DIESEL MULTIPLE UNITS,
ELECTRIC MULTIPLE UNITS,
CARRIAGES AND WAGONS.

(EXCLUDING DIESEL-ELECTRIC PULLMAN TRAINS)

STANDARD RANGE

Printed & distributed by :-
Chief Engineer (Traction and
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DERBY

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SPECIAL NOTES

1. Where oil is in use as the lubricant for any of the applications listed herein, this document does not constitute any authority to change over to grease lubrication.

2. Requests for additional copies of this publication should be addressed as follows :-

(1) Secretary

Chief Engineer (Traction & Rolling Stock)
The Railway Technical Centre
Trent House
DERBY

2. TRACTION

(a) Gear

3. Revision letters will be issued to cover any possible future amendments to this publication. A "Revision Record" sheet has been provided for this purpose.

4. See Engineering Instruction No. G/51 for details of Standard Range Greases and Gear Lubricant Schedules applicable to Diesel Multiple Units, Electric Multiple Units, Carriages and Wagons, Main Line and Shunting locomotives.

3. ROLLING STOCK

(a) Axles

(b)

(c)

(d)

(iv)

(b) Kerosene

(c) Paraffin

and oil

(d) Battery

APPLICATION	LUBRICANT B.R. Catalogue Number
<p>4. FINAL DRIVES</p> <p>(a) Hardy Spicer Couplings and Splined Shafts. (other than freewheel shafts). <i>C.N. on High Capacity Coal Wagon</i></p>	<p>9/27/4150 ✓</p>
<p>5. MISCELLANEOUS</p> <p>(a) Clutch Operating Mechanism) (b) Free Wheel Shafts) (c) Engine Tachometers) (d) Generator and Alternator Suspension)</p>	<p>9/27/1350 9/27/1361</p>

(1) Bearings

3. BRAKES

- (a) Locomotive
- (b) Hand
- (c) ✓

4. BUFFERS

- (a) Locomotive
- (b)
- (c)
- (d)
- (e)
- (f)

MECHANICAL EQUIPMENT (WHERE APPLICABLE)

APPLICATION	LUBRICANT B.R. Catalogue Number
1. <u>AXLEBOXES</u> (a) Roller Bearings ✓ (b) Axlebox Guides) (c) Spring Seat on Axlebox) (d) Spring Pins)	9/27/1350 9/27/1361
2. <u>BOGIES AND SUSPENSION</u> (a) Centre Castings ✓ (b) Side Friction Blocks ✓ (c) Bolster Wearing Plates ✓ (d) Swing Links, Rocking Bars, Brackets and Pins etc. ✓ (e) Bearing Springs Suspension Bolts ✓ (f) Bearing Springs)) 9/27/1361))) 9/27/5250
3. <u>BRAKEWORK</u> (a) Levers, Pins, Screws, Vacuum Cylinder Trunnions etc. ✓ (b) Brake Slack Adjuster ✓ (c) Westinghouse Cylinders and Valves	9/27/1361 DMUS → DC MUS → 9/27/1350 9/27/4330 Alvania I (Shell) Cat. No. 9/27/1960 will be used by the S.R. for a trial period.
4. <u>BUFFING AND DRAWGEAR</u> (a) Drawgear including Screw Couplings and Working Faces of Pins of Automatic Couplers (b) Buffers Faces, Guides and Plungers (except buffers with chromium plated plungers) ✓ (c) Vestibule Buffer Stems and Face Plates) (d) Gangway Control Gear) (e) Sliding Surfaces (S.A. Wagons)) (f) Buffer Springs	9/27/1362 DMUS → 9/27/1361)) 9/27/1210) 9/27/5250

APPLICATION	LUBRICANT B.R. Catalogue Number
<p>5. <u>DOOR AND WINDOW OPERATING GEAR</u></p> <p><u>Carriages</u></p> <p>(a) Door Locks, Hinges and Control Mechanism</p> <p>(b) Droplight Operating Mechanism</p> <p>(c) Sliding Door Top Runner Bar</p> <p>(d) Guard's Periscope Mechanism</p> <p><u>Wagons</u></p> <p>(a) Door Movement and Securing Mechanism</p>	<p>)</p> <p>)</p> <p>) 9/27/1350</p> <p>)</p> <p>)</p> <p>)</p> <p>)</p> <p>9/27/1361</p>
<p>6. <u>MISCELLANEOUS</u></p> <p>(a) Jumper Connections</p> <p>(b) Steam Valves</p>	<p>9/27/27000 ✓</p> <p>9/27/1210</p>

DESCRIPTION OF LUBRICANTS9/27/1210

Grease complying with B.R.B. Specification 670B, Item 2.

9/27/1350

Greases approved against B.R.B. Specification 673 :-

Alvania 3 (Shell-Mex)

Regal Starfak Premium 3 (Regent)

Beacon 3 (Esso)

Lupus A3 (Walkers Century Oils)

9/27/1361

Grease complying with B.R.B. Specification 674, Item 2.

9/27/1362

Grease complying with B.R.B. Specification 674 Item 3

9/27/2050

Esso Beacon 325

9/27/2180

Crater 2 (Regent)

9/27/3470

Jet-lube A.P.1

9/27/4056

Motak (Regent)

9/27/4150

To the following ordering description :-

"Grease, lithium based, No. 2 consistency, containing 5% minimum of molybdenum disulphide of particle size mainly less than 5 microns and quality described in C.S. 2819 or MIL-M-7866A"

9/27/4160

High melting point grease Esso Norva 275

9/27/4330

"Osmolin Artic" (J. Etherington)

9/27/5250

Protective grease for wagon buffing springs.

9/27/17070

Rocol ASD

9/27/27000

Petroleum Jelly, L.M. tender form Spec. No. 182