

LUBRICATION CHART

CARRIER FULL-TRACKED ARTICULATED LHD BV202E Mk II

THE INTERVALS ARE BASED ON NORMAL USE OF THE CAR. THEY SHOULD BE SHORTENED WHEN SPECIAL CONDITIONS REQUIRE MORE INTENSIVE MAINTENANCE

NUMBER OF GREASING POINTS
INTERVAL
LUBRICANT etc.

INTERVALS:

- D - Daily
- W - Weekly
- 5 - 500 km, or half yearly, or when used 200 litres (44 UKgal) of fuel
- 10 - 1000 km, or yearly, or when used 400 litres (88 UKgal) of fuel
- 50 - 5000 km, or every third year, or when used 2000 litres (440 UKgal) of fuel

LUBRICANT etc.
INTERVAL
NUMBER OF GREASING POINTS

LUBRICANTS etc.

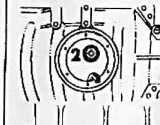
- SD - Engine Lubricating Oil
- GL - Hypoid Oil
- MP - Chassis Grease
- HY - Hydraulic Oil
- BF - Brake Fluid
- CO - Coolant
- WW - Windscreen Washer

UK Army Designation

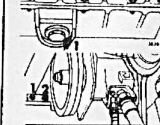
- OMD 75
- OEP 220
- XG 279
- OMD 30
- OXB
- AL3/ water
- ALB/ water

General International Designations

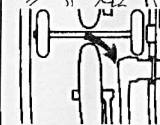
- API SD or SE (MIL-L-2104B), SAE 10W/20 or 10W/30
- API GL-5 (MIL-L-2105B), SAE 80/50
- Universal Grease (MP)
- 50% Esso Univil J 44 + 50% Engine Lubricating Oil, API S D, or SE, SAE as above
- SAE J 1703 (70 R 3)
- Anti-Freeze or water
- Special mixture to lower freezing point or water



FRONT DIFFERENTIAL
Check oil level, which should be up to lower edge of filling hole 2.
Change oil. Drain while still hot through draining hole 1.



DRIVE SPROCKET SHAFT 1 AND SWING ARM 2
Grease through nipples positioned two on either side inside both front and rear unit.
1. Lubricate sparingly.



SWING ARM
Grease all bearings.
The rear swing arm bearings on the front unit are greased through one nipple on either side of the shaft tunnel at front edge of seats.
The rear swing arm bearings on the rear unit are greased through one nipple on either side in the middle of the rear unit.



ENGINE FILLER CAP FILTER
Remove the cap and take it apart and wash it in white spirit. Dip the filter in clean oil, assemble the cap and fit it.



STEERING HYDRAULIC SYSTEM
Check the oil level, which should be between the max. and min. marks on the dipstick.
Clean the filter.



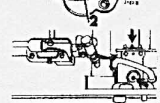
BRAKE MASTER CYLINDER
Check the brake fluid level, which should be up to the lower edge of the filling hole.



ENGINE
Check the oil level, which should be between the max. and min. marks on the dipstick.
Change oil. Drain while still hot through draining hole 1.



DISTRIBUTOR
Take off the cap and lubricate at 1 and the felt wick with a few drops of engine oil.
Apply a little grease on the camshaft 2.



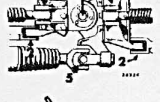
STEERING CYLINDER
Grease bearings and joints



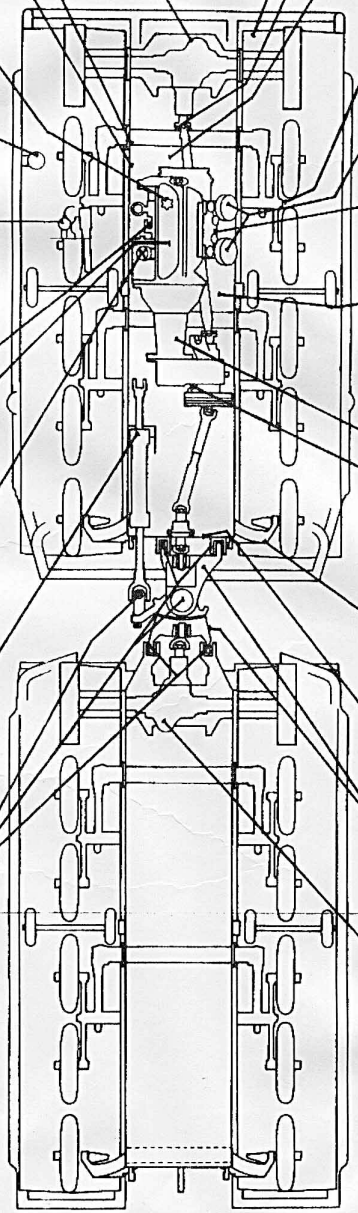
STEERING LINK
Grease
- front and rear bearings 2
- bearings between front and rear link 3
- piston rod rear joint 5



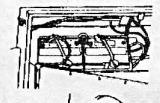
WINDSCREEN AND SIDE DOORS
Oil all hinges, cover locks and clamps.



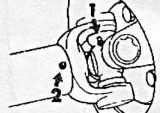
ENGINE HOOD AND CARBURETTOR CONTROLS
Oil all hinges, locks and moving parts on carburettors and linkage to carburettors.



W - BATTERIES
Check the electrolyte level, which should be 5 - 10 mm above the cell plates.



MP 5 9 - PROPELLER SHAFTS
Grease the propeller shaft universal joints and sliding joints.



CD D - RADIATOR
Check the coolant level and its freezing point.



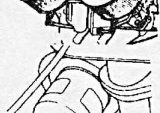
MP 5 8 - BOGIE ARM AND WHEEL BEARINGS
Grease all bogie arm bearings.



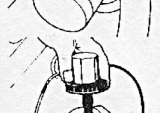
SD 5 - CARBURETTORS
Fill clamping cylinders with oil up to 20 mm from top.
Change air filters.



W 20 - ENGINE
Change oil filter every second time the oil is changed.



WW D - WINDSCREEN WASHER
Check liquid level in reservoir. Top up with water during the warm season and with special anti-freeze during the cold season.



SD 0 - GEARBOXES
Check the oil level, which should be between the max. and min. marks on the dipstick.
Change oil. Drain while still hot through draining holes 2 and 3.
Clean filter.



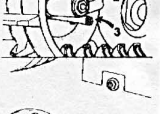
MP 5 - TENSIONING WHEEL BEARINGS
Grease
- tensioning arm bearings 1
- swing arm bearings 2
- lower bearings for spring 3



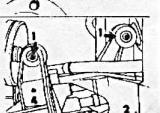
MP 5 1 - SUPPORT BEARING, PROPELLER SHAFTS
Grease the support bearing for the propeller shafts.



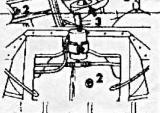
MP 5 - STEERING LINK
Grease
- front and rear spring rod bearings 1
- slide bearing round longitudinal axis 4



GL 5 - REAR DIFFERENTIAL
Check oil level, which should be up to the lower edge of the filling hole 2.
Change oil. Drain while still hot through draining hole 1.



SD 10 - REAR DOOR AND TOWING HOOK
- hinges
- locks and step mounting
- all moving parts on towing hook



CAPACITIES

	dm ³ (litres)	
Drive axles, in each	3.8	6.8 UK pint
Engine	5.0	8.9 UK pint
Engine incl. oil filter	5.5	9.8 UK pint
Gearboxes	3.9	7.0 UK pint
Steering hydraulic	3.5	6.2 UK pint
Steering gear	-	-
Brake system	0.3	0.5 UK pint
Cooling system	13.0	2.9 UK gal
Fuel tanks (two), in each	78.0	17.2 UK gal