

RUNNING-IN INSTRUCTIONS

When the vehicle is new, it should be treated with particular care. For it is during this first period, what we call the "running-in period", that all the vital parts of the vehicle such as the engine, gearboxes, front and rear axle carriers, wheels, etc., are run-in.

The following table indicates the maximum permitted speeds for the different gears during running-in:

C 303	Low-speed range	High-speed range
1st gear	10 km/h (6 mile/h)	24 km/h (15 mile/h)
2nd gear	16 km/h (10 mile/h)	40 km/h (25 mile/h)
3rd gear	25 km/h (16 mile/h)	60 km/h (38 mile/h)
4th gear	36 km/h (22 mile/h)	85 km/h (53 mile/h)

C 304 and C 306		
1 st gear	8 km/h (5 mile/h)	20 km/h (12 mile/h)
2nd gear	12 km/h (8 mile/h)	32 km/h (20 mile/h)
3rd gear	20 km/h (12 mile/h)	58 km/h (34 mile/h)
4th gear	28 km/h (18 mile/h)	68 km/h (40 mile/h)

CHANGING THE ENGINE OIL

The oil in a new or recently overhauled engine should be changed for the first time after 2500 km (1500 miles), and the second time after 5000 km (3000 miles), and thereafter according to the intervals given in the lubricating chart.

CHANGING THE GEARBOX OIL

Change the oil in a new or recently overhauled gearbox for the first time after 2500 km (1500 miles). Thereafter change the oil according to the intervals given in the lubricating chart.

CHANGING THE AUXILIARY GEARBOX OIL

Change the oil in a new or recently overhauled auxiliary gearbox for the first time after 2500 km (1500 miles). Thereafter change the oil according to the intervals given in the lubricating chart.

CHANGING THE REAR AND FRONT AXLE CARRIER OIL

Change the oil in a new or recently conditioned front or rear axle carrier for the first time after 2500 km (1500 miles). Thereafter change the oil according to the intervals given in the lubricating chart.

CHANGING THE REAR AND FRONT WHEEL CARRIER OIL

Change the oil in a new or recently overhauled wheel carrier for the first time after 2500 km (1500 miles). Thereafter change the oil according to the intervals given in the lubricating chart.

LUBRICATING CHART C 3-SERIES









Nr.	Lubricating point	Num-ber	Interval		Interval	Interval		Num-ber	Lubricating point	Nr.
			Every 5 000 km*	Every 30 000 km**		Every 30 000 km**	Every 6 000 km*			
					*) 3 000 miles or at least every 6 months **) 18 000 miles or at least once a year					
1	Steering gear	1					1	Intermediate lever	14	
2	Brake fluid container	2					2	Lower steering knuckle joint	15	
3	Front differential carrier	1					2	Upper steering knuckle joint	16	
4	Front wheel carrier	2					1	Air cleaner. Note 3	17	
5	Engine. Note 1	1					1	Oil filter. Note 4	18	
6	Carburetors. Note 2	2					1	Clutch casing. Note 5	19	
7	Gearbox	1					3	Slip joint	20	
8	Auxiliary gearbox	1					6	Universal joint	21	
9	Power take-off	1								
10	Winsch housing	1								
11	Planetary gear (in winding drum)	1								
12	Rear wheel carrier	2								
13	Rear differential carrier	1						Joints, links, hinges, locks	22	

Additional for the 3-axle vehicle

13	Rear differential carrier	2					2	Slip joint	21
12	Rear wheel carrier	1					1	Universal joint	20

INSTRUCTIONS FOR LUBRICATING CHART

SYMBOLS

-  **ENGINE OIL**
 Quality: API Service SE
 Viscosity: SAE 20 W/40 or SAE 30
-  **GEARBOX OIL**
 Quality: API-GL-1
 Viscosity: SAE 85 W/90 or SAE 80/90
 or Engine oil SAE 40
-  **FINAL DRIVE OIL**
 Quality: API-GL-5 or MIL-L-2105 B
 Viscosity: SAE 90 or SAE 80/90
-  **AUTOMATIC TRANSMISSION FLUID**
-  **ENGINE OIL, Oil can**
-  **BRAKE FLUID**
 Grade: SAE J 1703 or DOT 3
-  **GREASE ON LITHIUM BASE** with
 EP-additive and consistency NLG 1
 No. 2
- K CHECK**
- B REPLACE**
-  **SPECIALLY ACTION**

OIL CAPACITIES

Engine, incl. oil filter	5.7 litres (10 pints)
excl. oil filter	5.2 litres (9 pints)
Gearbox	1.2 litres (2 pints)
Auxiliary gearbox	1.3 litres (2.3 pints)
Front differential carrier	1.5 litres (2.6 pints)
Rear differential carrier	1.5 litres (2.6 pints)
Front wheel carrier	0.3 litre (0.5 pints)
Rear wheel carrier	0.4 litre (0.7 pint)
Steering gear	0.5 litre (1 pint)
Power take-off	0.2 litre (0.4 pint)
Winch housing	1.2 litres (2 pints)
Planetary gear	0.6 litre (1 pint)

NOTES

- Note 1 Check the oil level daily before starting.
 Note 2 Check the oil level in the centre spindles.
 Note 3 Change the paper insert.
 Note 4 Replace the cleaner at every other oil change.
 Note 5 Drain the clutch casing at every other oil change.

LUBRICATING CHART C 3-SERIES





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TP 1218/1.3.000.6.75 (ENGELSKA)