

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 | Every 5 000 km* | Every 30 000 km** | *) 3 000 miles or at least every 6 months **) 18 000 miles or at least once a year | | Every 30 000 km** | Every 5 000 km* | Num-ber | Lubricating point | Nr |
|----|----------------------------------|---------|-----------------|-------------------|---|--|-------------------|-----------------|---------|------------------------------|----|
| | | | | | | | | | | | |
| 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 | Wincsh 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.