

# HUMBER

## SNIPE, 18 H.P. & PULLMAN LUBRICATION CHART

### A CORRECTION

The Introduction of LIGHTER Patent Castrol makes necessary certain changes in the grades recommended for the Engine and Gear Box of this model. The correct grades are now—

**ENGINE**  
Patent **CASTROL XL** in Summer  
Patent **CASTROLITE** in Winter  
**GEAR BOX** Patent **CASTROL XXL**

C. C. WAKEFIELD & CO., LTD., Cheapside, LONDON, E.C.2  
No. 4.

**NOTE.**—Figures in symbols indicate periods at which attention is required in 100's of miles; i.e., 2 denotes 200, 10 - 1,000, etc.

**Front Spring Shackles and Front Suspension.**—Every 500 miles apply PATENT CASTROL XXL with the oilgun.

A pipe line, thus, —○— leads from Front Suspension nipple to point of lubrication.

**Front Hub Bearings.**—Every 2,000 miles remove hub cap and replenish hub with CASTROLEASE Heavy.

**Steering Cross Tube (2).**—Every 1,000 miles apply PATENT CASTROL XXL with the oil gun.

**Distributor and Dynamo.**—Every 2,000 miles apply Wakefield OILIT to dynamo and distributor lubricators. Do not over oil at these points.

**Gear Box.**—After the first 2,000 miles and every subsequent 6,000 miles drain the gear box and refill with PATENT CASTROL XXL to level of filler hole. Check oil level every 2,000 miles and maintain at correct level. Oil Capacity of Gear Box = 4 pints. If car is fitted with de Normandie gear box use CASTROL H Gear Oil. Oil Capacity = 12 pints.

**Propeller Shaft Splines.**—Every 2,000 miles apply PATENT CASTROL XXL with the oil gun at nipple indicated.

**Rear Hub Bearings.**—Every 2,000 miles remove hub cap and replenish hub with CASTROLEASE Heavy.

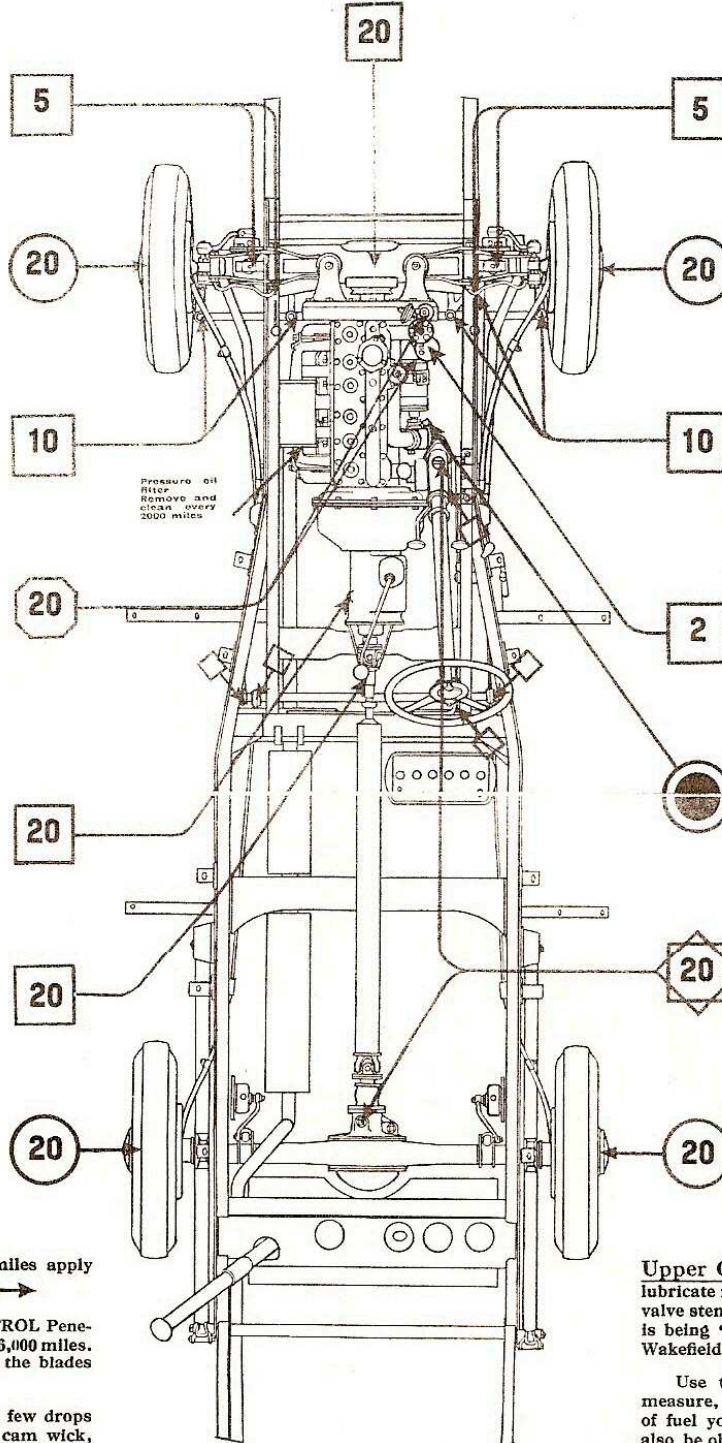
**Brake Connections.**—Every 1,000 miles apply Engine oil at points indicated thus □→

**Suspension Springs.**—Apply CASTROL Penetrating Oil to road spring blades every 6,000 miles. This lubricant will penetrate between the blades and thoroughly lubricate them.

**Distributor.**—Every 1,000 miles give few drops only of Wakefield OILIT to distributor cam wick, and felt pad under rotating arm.

**Shock Absorbers.**—Every 6,000 miles replenish these with LUVAX Special Oil if found necessary.

**Fan Bearing.**—Every 2,000 miles apply PATENT CASTROL XXL at point indicated with the oil gun.



**Front Spring Shackles and Front Suspension.**—Every 500 miles apply PATENT CASTROL XXL with the oilgun.

A pipe line, thus, —○— leads from Front Suspension nipple to point of lubrication.

**Front Hub Bearings.**—Every 2,000 miles remove hub cap and replenish hub with CASTROLEASE Heavy.

**Steering Cross Tube, (2) and Steering Side Tube (2).**—Every 1,000 miles apply PATENT CASTROL XXL with the oil gun.

**Engine.**—Every 200 miles check oil level by means of dipstick, and if found necessary replenish to top mark on rod with PATENT CASTROL XL (in Summer) or PATENT Castrolite (in Winter). After the first 500 miles and every subsequent 2,000 miles drain crank-case and replenish with fresh PATENT CASTROL XL or PATENT Castrolite. Sump should be removed and cleaned every 6,000 miles. Oil pressure gauge on instrument board should always register when engine is running.

Crank Case Oil Capacities:—  
Snipe, 18 h.p. and Pullman = 21 pints.

**Water Pump.**—Every 500 miles give the grease cup one turn. Replenish with CASTROL Water Pump Grease.

**Rear Axle and Steering Box.**—After first 2,000 miles of running and every subsequent 5,000 miles drain axle casing and refill with CASTROL Hi-Press Gear Oil to level of filler plug hole. Inspect oil level every 2,000 miles and replenish as necessary. Rear Axle Oil Capacity = 4 pints.

**Steering Box.**—Check oil level at the same time and replenish as necessary with CASTROL Hi-Press.

**Rear Hub Bearings.**—Every 2,000 miles remove hub cap and replenish hub with CASTROLEASE Heavy.

**Upper Cylinder Lubrication.**—In order to lubricate more effectively the piston, piston rings, valve stems and guides, especially while the engine is being "run in" or when starting from cold, Wakefield CASTROLLO should be used.

Use the cap of the CASTROLLO tin as a measure, and add one cap full to every 4 gallons of fuel you put in your tank. CASTROLLO can also be obtained loose in small quantities at most filling stations; i.e. sufficient to treat the amount of fuel purchased.

### EXPLANATION OF SYMBOLS:

Wakefield PATENT CASTROL XL Wakefield PATENT Castrolite Medium bodied oils of the highest quality recommended by Humber Limited for the Humber Engine, for use in Summer and Winter. PATENT CASTROL XXL is recommended for the Gear Box.	<b>CASTROL Hi-Press Gear Oil.</b> A special extreme pressure gear oil recommended for Humber Steering Box and Rear Axle	<b>Wakefield CASTROL-EASE Heavy.</b> A high quality grease recommended for the Humber Front and Rear Wheel Hubs.	<b>Wakefield CASTROL Water Pump Grease.</b> Specially prepared and recommended for Water Pump lubrication.
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This chart has been checked and approved by the Manufacturers:—

## HUMBER LIMITED, COVENTRY

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