

INSTRUCTIONS

Ref. No. R.161/11/49.

WOLSELEY

WD 8 ENGINES

Type W.L.L. 1½ h.p. @ 580/800 r.p.m.
" W.D.M. 2½ h.p. @ 800/1100 r.p.m.
" W.D.H. 2½/3 h.p. @ 1000/1250 r.p.m.

Wolseley Sheep Shearing Machine Co. Ltd.

Electric Avenue, Wotton, Birmingham 6

Phone : East 0435 (4 lines).

Grams : "Shearing Phone," Birmingham

TOOLS.

The following Tools are supplied with each Engine :—

1 Starting Handle. 1 Double End Spanner, ½" × ⅝"
1 Tubular Box Spanner, ⅞" Whit. × 6". 1 Double End Spanner, ½" with slot for jet
1 Tommy Bar. 1 Valve Lifter.
1 Double End Spanner, ⅞" × ⅞" × 10" Whit. 1 Wrench for ½" Safety Set Screws.

INSTALLATION.

The Engine must be installed level and square to the drive and on as solid a base as possible. If a concrete base is used it is recommended that a block at least 2' 6" × 2' 6" × 1' deep be used. If the Engine is mounted on wood, it is recommended that it be bolted to heavy wooden battens, say 4" × 3" placed parallel to the Flywheel, these battens should then be securely bolted to the floor.

If it is desired to run the exhaust outside the building this can be done by connecting the silencer as mounted on the Engine to 1" gas pipe by means of a socket, instead of the nut fitted on the silencer in the ordinary way. The pipe must be so fitted that water does not drain back into the silencer, and must be supported so that no strain is put on to the Engine connection.

When the Engine is mounted on a trolley, care must be taken to see that the holding down bolts are kept tight.

In lining up for pulley drive the Engine may be lined up by means of the Flywheel, and if a fast and a loose pulley are used, the fast or driving pulley should be lined up with that half of the Engine pulley nearest the Flywheel.

LUBRICATION.

The Engine is automatically lubricated by a splash system. It is important that the oil level should be examined every 20 hours running and any loss of oil should be made up. The oil level must be kept between the "High" and "Low" marks on the Dipstick. Too high a level of oil causes over-oiling and loss of power. Too low a level may cause the Engine to seize up.

After every hundred hours running the oil should be drained off by means of the drain plug and re-filled with fresh lubricating oil. This should be done when the Engine is hot.

If the Engine has not been in use for a long time, it is advisable to remove the crank-case inspection cover and oil the bearings with an oilcan before starting.

We recommend the use of a high grade motor oil such as Mobiloil A (Medium) for winter and Mobiloil B.B. (Heavy) for summer, or equivalent.

