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SERVICE SHEET

No. 81.

DETERGENT OILS IN FOUR STROKE ENGINES.

The use of lubricants with low detergent qualities results in the build up of sludge deposits throughout the engine, the quantity of deposit depending more or less on the mileage covered. If it is proposed to change over an engine in this condition to oils with high detergent qualities, some additional care and attention will be called for during the 500 miles following the change.

The new detergent oil will release sludge deposits from inside the engine and they will be held in suspension until trapped by the filters. It is therefore, essential to ensure that all filters are in good condition and thoroughly clean, before the engine is run on the new oil.

After 250 miles the entire system should be drained and flushed with clean oil and all filters should be thoroughly cleaned. This should be repeated at 500 miles after which the sludge deposits will have been released and drained away.

Thereafter oil changes should be made in accordance with the recommendations given in the appropriate Instruction Book.

Because, to some extent, the sludge deposited in the engine has acted as a sound deadening medium, some increase in mechanical noise is almost inevitable. It does not mean that there has been a sudden deterioration in the engine condition.