

A Service Bulletin

FROM

JAMES

MOTOR CYCLES LIMITED
GREET, :: BIRMINGHAM, 11, :: ENGLAND.

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NUMBER

OUR REF

GCF/JNM/H.E.

58/3.

LUBRICATION.

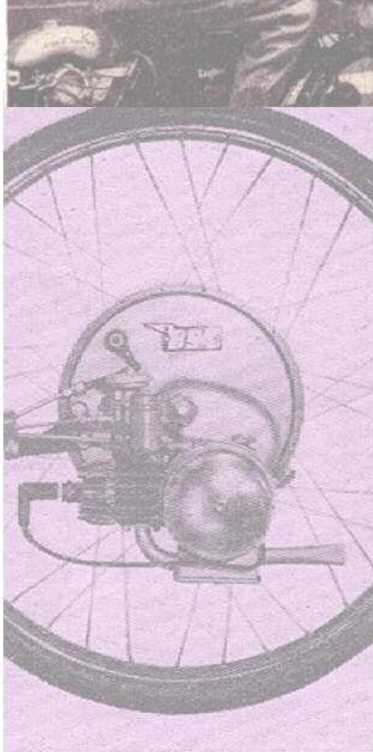
1. We have hitherto recommended SAE 50 oil for use in the 250c.c. engine unit as fitted to the James Commodore Model L25, because this is the best grade if the engine is being driven really hard. Experience has shown, however, that in normal use where full throttle is only occasionally used, SAE 50 oil tends to cause excessive build-up of carbon deposit in the exhaust system with consequent loss of power. We therefore now recommend that for all normal use, an oil of SAE 30 grade as listed below should be used. This necessitates a revision of mixture proportions to 20 parts of petrol : 1 part of oil.

Use Castrol XL, Mobiloil A, Shell X100 - 30,
Energol SAE 30, Essolube 30.

2. All two-stroke engines tend to suffer from corrosion of the main bearings if they are used only for short journey work when the engine does not become hot enough to vaporise the corrosive products of combustion.

For this type of use we find it is of great advantage to use one of the oils containing a corrosion inhibitor such as Shell 2T, which we have extensively tested with satisfactory results. This oil is now available all over the country and is strongly recommended for short journey work, particularly during the Winter months.

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