

SERVICE BULLETIN

CAB SERVICE & PARTS CORPORATION

#77

SUBSIDIARY OF
CHECKER MOTORS
CORPORATION

NEW YORK * BROOKLINE
CHICAGO * DETROIT

February 11, 1959

Subject: LUBRICATION

Description: ENGINE OIL DRAIN PERIODS

We recommend for use in the Model A-9 Checker an SAE 20 oil suitable for MS service with 2000-mile drain periods.

An oil having a total base number of 3.0 minimum, as determined by ASTM Method D 664-52, is satisfactory.

A high level oil qualifying under the now obsolete Ordnance Specification 2-104B, Supplemental List 1, in many instances meets our requirements.

The base oil shall be stable, well refined and free from water or sediment.

It shall have a V.I. (Viscosity Index) of 90 minimum.

There shall be no separation of oil and additive during storage under temperatures prevailing in the region where this oil is supplies.

Years of experience with numerous fleets operating Checker cars throughout the United States, and covering many millions of miles of successful operation have proven the value of high additive content oils for taxicab service.

The greatest value of these high detergent oils will keep the engine oil screen, oil channels, pistons, rings, and the valve chambers free of sludge.

Detergent oils must not be run in the engine for such a length of time that the detergent is all used up. This is important. Successful use of high detergent oils depends upon strict observance of this recommendation.

Recently, the A.P.I. (American Petroleum Institute) and the S. A. E. (Society of Automotive Engineers) have approved an oil classification based upon the kind of service in which the oil will be used.

continued

NEW YORK • BIRMINGHAM
CHICAGO • DETROIT

MEMBER OF
CHECKER MOTOR
CORPORATION

February 11, 1959

February 11, 1959

Subject: LUBRICATION

ENGINE OIL AND DRAIN PERIODS (continued) Page 2

We show this classification below:

A.P.I. - ENGINE OIL CLASSIFICATION

DS	Severe service	Diesel engine
DG	Moderate service	Diesel engine
MS	Severe service	Gasoline engine
MM	Moderate service	Gasoline engine
ML	Light service	Gasoline engine

This classification does not give any indication of recommended drain periods. This is a serious fault that must be recognized by the fleet operator.

Taxicab operation is in the MS (or severe service) class.

It is probable that oils will be offered as suitable for MS service which would require excessively short drain periods, some of them under 600 miles.

When the A.P.I. classification is used, the drain period must be specified and then rigidly observed.

By: NEW YORK SERVICE DEPARTMENT