

APPENDIX - A

API Engine Service Classifications

The API Engine Service Classifications system currently includes twenty-three classes of service; 11 for service stations (S series) and 12 for commercial application (C Series). It is an “open-ended” system, which allows for the addition of new designations without changing or deleting existing ones.

“S” Service Station Classification

SA formerly for Utility Gasoline and Diesel Engine Service

Service typical of older engines operated under such mild conditions that the protection afforded by compounded oils is not required. This classification has no performance requirements and oils in this category should not be used in any engine unless specifically recommended by the equipment manufacturer.

SB for Minimum Duty Gasoline Engine Service

Service typical of older gasoline engines operated under such mild conditions that only minimum protection afforded by compounding is desired. Oils designed for this service have been used since the 1930’s and provide only anti-scuff capability and resistance to oil oxidation and bearing corrosion. They should not be used in any engine unless specifically recommended by the equipment manufacturer.

SC – 1964 Gasoline Engine Service (Obsolete) – Category SC denotes service typical of gasoline engines in 1964 through 1967 models of passenger cars and some trucks, operating under engine manufacturers’ warranties in effect during those model years. Oils designed for this service provide control of high and low temperature deposits, wear, rust, and corrosion in gasoline engines.

SD for 1968 Gasoline Engine Warranty Maintenance Service

Service typical of gasoline engines in 1968 through 1970 models of passenger cars and some trucks operating under engine manufacturers’ warranties in effect during those model years. Also may apply to certain 1971 and/or later models as specified (or recommended) in the owner’s manual. Oils designed for this service provide more protection against high and low-temperature engine deposits, wear, rust and corrosion in gasoline engines, than oils which are satisfactory for API Engine Service Classification SC and may be used when API Engine Service Classification SC is recommended.