
SERVICE BULLETIN

Original Issue Date: **10/94**

Model: **All Diesel-Powered Generator Sets**

Market: **Standby, Continuous, and Prime Power Applications**

Subject: **Diesel Fuel with High Sulfur Content**

Fuel quality is a very important determinant of engine performance, engine life, and exhaust emission levels. This bulletin is to inform all diesel fuel users that high-sulfur-content diesel fuels are not recommended in engines powering generator sets.

In general, fuels meeting the specifications of the American Society of Testing and Materials (ASTM), such as the recommended fuel ASTM 2-D, provide satisfactory performance.

Using diesel fuel with sulfur content above 0.5% (by weight) causes high acid levels in the combustion chamber and premature wear on engine components such as fuel injectors, piston rings, and bearings. Generator set engines are designed to operate on fuels with sulfur content below 0.5% (by weight).

Use of diesel fuels with sulfur content above 0.5% (by weight) will jeopardize the engine warranty. Contact the factory and refer to the engine manufacturer's operation and service manuals for recommendations before using fuels with high sulfur content.