

Member Profile

Member Profile: Metallized Carbon Corporation

Year founded: 1945

Location: Ossining, NY

Products: Engineered carbon/graphite solutions for severe service lubrication.

Website: www.metcar.com

Metallized Carbon Corporation is a company that has been successfully manufacturing here in the Hudson Valley for over sixty years. Back in 1945, Carl Seibert and his son, Preston Seibert, founded the company that has been family owned and operated ever since. In the beginning, Metallized Carbon Corp. manufactured electrical contacts and electric motor brushes. In those early days the company had only five employees and their first customer was Otis Elevator. Over the last half century the company has grown to over 160 employees who manufacture a wide range of mechanical and electrical parts. Metallized Carbon Corp.'s still has their corporate headquarters in Ossining, New York but have expanded to include manufacturing facilities in Mexico as well.

Metallized Carbon Corp.'s best known product is Metcar. Metcar is a self-lubricating material containing graphite. Graphite is used because its self lubricating properties can be used to manufacture machine parts that must withstand rubbing in applications where oil or grease lubricants cannot be used. In fact, Metallized Carbon can combine Carbon/Graphite with materials such as Antimony, Bronze, Babbitt, Copper,



Nickel, Silver, Thermoset Polymers and High Temperature additives to offer more than 150 different grades of materials all of which are self-lubricating and dimensionally stable.

An example of what these materials might be used for would be for bearings and seal rings for use in high temperature ovens, bearings and seal rings that must run submerged in low viscosity liquids such as water or gasoline. Metallized Carbon Corp. can engineer solutions to difficult bearing and mechanical seal face requirements.

The application of these products covers a wide range. Mainly used for seal rings in mechanical seals for pumps and compressors, the Carbon/Graphite engineered parts have also been used on critical components for the Joint Strike Fighter and bearings for the SP-2 Engine which will be used in the next generation space shuttle. Metcar is a key supplier to the oil and gas industries as well.



An example of some of parts that Metallized Carbon Corporation manufactures.

Because of the high quality of their materials that can perform successfully where ordinary self lubricating materials might fail, Metallized Carbon Corp. has a reputation for manufacturing highly engineered self lubricating materials and components that are utilized by industry for the most severe service applications. This company has over sixty years of application engineering experience and offers the field expertise and hard data necessary to back up their slogan "the Solid Choice for Lubrication.™"