

They wanted control of the white lead used in their paints, so in 1924 they bought the Huston Lead Company at Scranton, Pa. Huston lead is unique in that it is the only white lead made by a continuous process. This process is exclusively the Glidden company's. Huston lead is so much finer, so much whiter and covers so much better, that it is outstandingly superior to other white leads made by other processes.

To supply red lead, the Metals Refining Company at Hammond, Ind. was acquired in 1929. This put the company further into the chemical business with the manufacture of litharge, which is used in the rubber and cement industry. Litharge is also used in making varnish. The Metals Refining Division of the company also makes type metal for the printing industry and battery plate metal for the battery and auto industries.

It was at the Metals Refining Company that Glidden discovered the process for making powdered metals. Instead of casting and machining gears, cillars bearings, etc., they are molded with powdered metals now. Glidden is one of only three producers of this material in America.

Glidden is also the only company with enough capacity to supply the copper oxide for painting the ships of the U. S. Navy.

To get control of the zinc used in their manufactured products, the company bought zinc mines in California. It was also necessary to buy The Sacramento Valley and Eastern Railway to transport the zinc from the mines to a main line rail road. It is interesting to note that in addition to zinc the mines also produced some gold and silver which the company recovered in the smelting process of the zinc ore.

Lithopones used in paint making require barium so the company purchased one of the largest barite deposits in North America and set to work mining it.

There is a real newsworthy story connected with the company's entry into the turpentine business. Turpentine and resins were refined from the gum in small inefficient stills usually operated by families living back in the pine wood. Often the resulting products were dirty and impure. But the company developed and per-