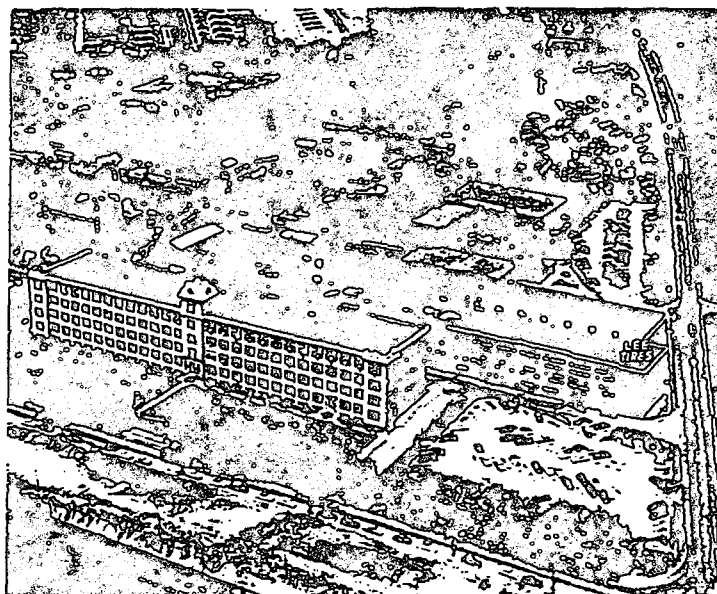


CONSHOHOCKEN

THE Lee Rubber & Tire Company, located in Conshohocken, Pennsylvania, was founded in 1883 and started to make tires in 1908 when automobiles were still pretty much of a novelty. Production figures from these early days show that the company turned out about 400 tires a day. Lee has grown steadily through the years and this figure now runs as high as 7000 a day. The Lee Tire sales go to replacement trade only, and the volume of truck tires made by Lee is one of the highest in the industry. In addition to their Conshohocken plant Lee owns Republic Rubber in Youngstown, Ohio, which operates as a separate division manufacturing mechanical goods.

About four years ago the company decided to make a study of its electric and steam loads and demands at Conshohocken. This showed that the installation of a 2000-kw turbine-generator would pay for itself in four to five years. Therefore, an Elliott noncondensing unit, designed for 460-psig, 700-F inlet steam and a back pressure of 130 psig, was purchased. This unit has been in operation for several years and has given excellent service with practically zero maintenance.

Also in very satisfactory operation at the Conshohocken plant is an Elliott 200-hp, 450-rpm synchronous motor with a small m-g exciter set, driving an 84-in. Banbury mixer sheeting mill, which is very hard service for a motor. There are also a number of smaller Elliott C-W motors, ranging from 1 to 100 hp, driving machinery in the plant.



Aerial view showing the manufacturing facilities of the main plant of Lee Rubber & Tire Company at Conshohocken, Pennsylvania.

One of the larger motors in the plant is this Elliott 200-hp synchronous motor, seen in the pit at right, driving a Banbury mixer.

