

GEORGIA INSTITUTE OF TECHNOLOGY

ENGINEERING EXPERIMENT STATION

ATLANTA, GEORGIA 30332

November 22, 1966



*Central
Files*

Atlantic Steel Company
Quality Control
Chemical Laboratory
1300 Mecaslin, N.W.
Atlanta, Georgia

Attention: Mr. T. P. Goodman

Reference: Project A232-334

Dear Mr. Goodman;

I am writing to confirm results previously reported to you by telephone.

Sample .079 Continental was examined by x-ray diffraction and emission spectroscopy. The major metallic elements present were Ca and Mg. The x-ray pattern indicated the presence of a crystalline component but no identification was possible from published ASTM data. The pattern was definitely not calcium carbonate which indicates lime was not in the original lubricant. Identification might be possible with the application of other analytical techniques. We will hold further work unless we hear from you.

Very truly yours,

John L. Brown
Head, Analytical Instrumentation Labs

JLB/jw

Coating identification

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