

Mr. Chas. F. Foster, and the Chief Electrical Engineer, Mr. R. H. Pierce, of the World's Columbian Exposition, giving details of tests, work performed and description of engines, pumps, dynamos, generators, etc., which were lubricated by these oils.

OFFICE OF D. H. BURNHAM, DIRECTOR OF WORKS, WORLD'S COLUMBIAN EXPOSITION, JACKSON PARK, CHICAGO.

Mechanical and Electrical Depts: Chas. F. Foster, Mechanical Engineer; R. H. Pierce, Electrical Engineer.

November 1, 1893.

GENTLEMEN:—I am pleased to be able to state to you, after a period of six months' continuous use of your Capitol cylinder oil and Renown engine oil on our engines, line shafting and other machinery, both large and small, running at both high and low speeds, that it has given us great satisfaction. We have been able to get excellent lubrication under most trying circumstances, such as a temperature of 128° in the engine room, in which case the bearings only showed from 5° to 6° higher temperature. Some of our pieces of larger machinery have run 110 days with but one filling of the oil cups, (Chambers on Westinghouse 15,000 light dynamos.)

I understand that before the adoption of your oil, extensive tests were made by one of my predecessors, with various makes of oil, resulting in the selection of yours, and I am pleased to state that I am satisfied with it in every respect.

In order that you may judge of the extent of our work, I would say that we have 77 engines, 36 feed pumps, 6 large pumps, and innumerable

feet of shafting, which has all been lubricated with your oil with great success. I trust that the excellent satisfaction which your oil have given us, will amply repay you in increased business for the outlay involved, and beg to remain,

Yours truly,  
CHAS. F. FOSTER,  
Mechanical Engineer.

November 8, 1893.

GENTLEMEN: Your Renown engine oil has been used exclusively upon all the electrical machinery operated by the World's Columbian Exposition. This machinery included almost every type of commercial machine produced in this country, and several of foreign make, and the largest sizes of the various types; there being a total of about 20,000 electrical horse power of dynamos and 1800 horse power of motors. The machines were of all sizes and speeds.

I take pleasure in stating that I have never had a complaint from the Operating Department concerning your oil. The machinery has been lubricated in a most satisfactory manner, and with great economy. The results obtained by the use of your oil have been perfectly satisfactory to the Exposition and to this department.

If you desire to have a descriptive list covering the number, capacity and make of the different systems operated at the World's Columbian Exposition, under my direct control, I shall be pleased to furnish it upon request.

Thanking you for courtesy shown this department, I beg to remain,

Yours very truly,  
R. H. PIERCE,  
Electrical Engineer.

# ...WOOL...

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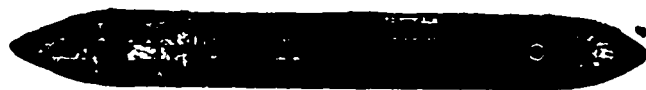
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