

be determined at a high temperature with a minimum amount of trouble. By means of a paraffine bath for our oil we have no trouble whatever in doing this with the torsion viscosimeter.

When one oil has been tested sufficiently the cylinder can be taken out in a moment, wiped off, and is then ready for another oil.

The necessity of a standard instrument which shall be recognized by the trade as such cannot be too forcibly emphasized, as the present state of affairs is most annoying to both producer and consumer, leading as it so often does to misunderstanding and financial loss.

The torsion viscosimeter is the standard instrument of the Philadelphia and Reading railroad, but this simply means that it is the best we know of at present. We are, however, always open to conviction, and if any better method of determining the viscosity of an oil is invented we will be very glad to adopt it.

FIFTH GENERAL MEETING.

THE following resolution was adopted by the Council of the American Chemical Society, June 7, 1893:

Resolved, That the General Meeting of the American Chemical Society for the summer of 1893 be held in Chicago at such date as may be determined by the committee appointed by the society to co-operate with the World's Fair Auxiliary of the Columbian Exposition in arranging for an International Congress of Chemists.

In accordance with the terms of this resolution the committee to co-operate with the World's Fair Auxiliary have determined that the Fifth General Meeting of the Society shall be held during a period beginning August 21, 1893, in conjunction with the World's Congress of Chemists to be held under the auspices of the World's Fair Auxiliary and the American Chemical Society.

The committee desire to call to the attention of the members of the society and of American chemists generally, the fact that in view of the large number of eminent chemists, home and foreign, who have already signified an intention to attend the World's Congress of Chemists, and the valuable character of

the papers that will be presented, this meeting will doubtless be the most important gathering ever held by chemists in the United States. The time and place are therefore particularly auspicious, and the promise of a most successful and enjoyable occasion very great. The meetings will be open to all chemists in good standing, and in order that a program of proceedings may be arranged in advance, it is earnestly requested that those who desire to offer papers will forward titles thereof as early as August 1, to Prof. Wm. McMurtrie, 106 Wall street, New York City, care of New York Tartar Co.

It is also the hope of the committee that in view of the important part taken by the American Chemical Society in calling the World's Congress of Chemists, the society will be represented by a large number of its members in this meeting. This is due to the foreign chemists who have accepted the invitations extended by the society.

In matters of transportation to, and quarters in, Chicago, members of the society will have all the advantages provided for those who will attend the World's Congress of Chemists. Those desiring information with this regard may obtain it by addressing Prof. John H. Long, No. 2421 Dearborn avenue, Chicago, Ill.

It is requested that as soon as possible after their arrival in Chicago, members will report at the Congress Headquarters in the Art Institute Building, Lake Front and Adams street, and register their names and Chicago addresses so that they may receive without delay such notices and information as the committees may have to distribute at that time.

WM. McMURTRIE,
C. F. CHANDLER,
A. B. PRESCOTT,
C. E. MUNROE,
H. W. WILEY.

Committee to Co-operate with the World's Fair Auxiliary.