

INTRODUCTION AND SUMMARY

Recent developments in the gasification of coal, both by the Bureau of Mines and American industry, have intensified interest in the thermodynamic and kinetic principles necessary for understanding the reaction mechanism and rates and the physical changes that take place.

In the course of a Bureau of Mines study of the kinetics of coal gasification at the Synthetic Liquid Fuels Demonstration Plant, Louisiana, Mo., a bibliography of approximately 400 references was compiled. They are listed in this publication and refer both to American and foreign sources.

The references presented here were selected as to their pertinence to the Bureau's gasification study. Many on other phases of combustion are not included.

While those chosen for this publication are classified as to subject matter, no attempt is made in this report to abstract or evaluate them.

Titles of reports enclosed in parentheses are translations into English from the language in which they were originally issued.

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