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<p>The highest melting temperature has the greatest in- fluence upon the effect of inoculation and the best inoc- ulation effect is obtained when the highest melting tem- perature employed is 1600°C. When the highest melt- ing temperature remains the same, the higher the in- oculation and casting temperatures, the greater the (Metallurgy--Ferrous Metals, TT, v. 11, no. 5) (over)</p>	<p>Office of Technical Services</p>

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 NUM CHLORIDE WITH ACETYL AND MESITOYL
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 Formes par les Acides de Lewis. IV. Spectre
 d'absorption Infra-rouge des Composés d'addition du
 Chlorure d'Aluminium avec les Chlorures d'Acétyle
 et de Mésitoyle). [1960] [15]p. 39 refs.
 Order from SLA mi\$2.40, ph\$3.30 61-10482

Trans. of Helv[etica] Chim[ica] Acta (Switzerland)
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The authors describe the preparation of addition com-
 pounds of acetyl and mesityl chlorides with Al_2Cl_6
 obtained in the form of almost colorless solids whose
 infrared spectrum has been determined. The absence
 in these spectra of the frequencies $\omega(C=O)$ (1802 and
 1775 cm^{-1} , and $(C-Cl)$ (593 and 613 cm^{-1}) as well as
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Hydrocarbons, Chemical reactions.

(Chemistry--Organic, TT, v. 10, no. 10)

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Scientific - Physics, snow, ultraviolet

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Order from SLA \$2.60 63-16219

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Trans. of Nenryo Kyokai-Shi (Japan) 1959, v. 38,
no. 386, p. 361-373.

DESCRIPTORS: *Fuels, *Coal, *Cyclone furnaces,
*Combustion, Slags, Ash, Effectiveness, Design,
Economics.

The paper is devoted to the comprehensive discussion
of economical methods of firing low grade coal by
means of the cyclone, with special reference to the
raising of the firing temperature, the lowering of the
slag fusion temperature, etc. by a mixture of good
grade coal, an addition of lime stones and heat
recovery of the slag and the effective utilization of the
slag as problems surrounding the use of low grade coal.
(Materials--Fuels, TT, v. 10, no. 4)

Office of Technical Services

NCH-202 224

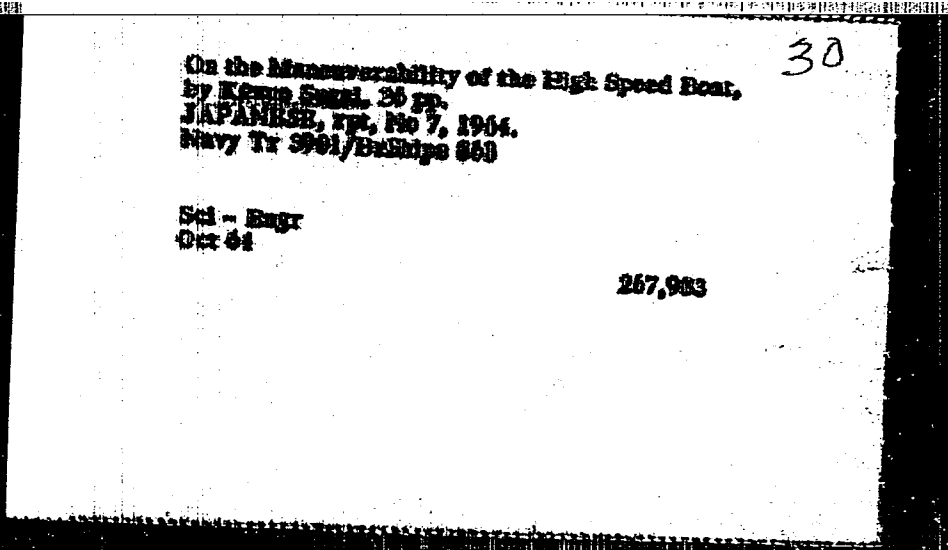
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