

SINCLAIR REFINING COMPANY

Reel 42
Bag 3439-28
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1758

S-92

January 30, 1939

Dr. Landgrof

Re: Oxo-compounds from petroleum hydrocarbons.

Various petroleum fractions ought to be examined in regard to their suitability for water gas addition.

Naphthenic oils would be particularly interesting, because thereby we should obtain derivatives of the naphthene-hydrocarbons.

Roelen

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Dr. Landgrof

Re: Olefin-condensation

The addition of carbon monoxide to olefin-hydrocarbons ought to be tried out in the presence of ammonia. Ammonia could be added to the water gas or substituted for a part or all of the hydrogen.

If necessary, a hydrogen-rich mixture consisting of ammonia, carbon monoxide and olefins ought to be reacted at higher pressures, such as 100-150 ats.

Roelen

ME:op

M. Beth