

METHODS FOR PREPARING NORMAL AND OVERBASED PHENATES

ABSTRACT

Processes for preparing normal and overbased metal sulfurized
5 alkylphenates. The processes are characterized by a sulfurization reaction
using a lower carboxylic acid catalyst which does not use a polyol promoter,
e.g., ethylene glycol. The process affords a metal sulfurized phenate product
which is essentially free of polyol oxidation products. The products are
10 useful as additives for lubricating oils.

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