

Title (en)

MIXTURE OF EARTH-ALKALINE METAL ALKYL-ARYL-SULPHONATES, ITS USE AS ADDITIVE FOR LUBRICATING OIL AND METHOD OF PREPARATION

Title (de)

MISCHUNG VON ERDALKALIALKYLARYLSULFONATEN, IHRE VERWENDUNG ALS SCHMIERÖLZUSATZ UND HERSTELLUNGSMETHODE

Title (fr)

MELANGE D'ALKYL-ARYL-SULFONATES DE METAUX ALCALINO-TERREUX, SON APPLICATION COMME ADDITIF POUR HUILE LUBRIFIANTE ET PROCEDES DE PREPARATION

Publication

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Application

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Abstract (en)

[origin: FR2752838A1] The invention concerns a mixture of superalkalified earth-alkaline comprising: (a) 50 % to 85 % by weight of one mono-alkyl-sulphonate with a C14-C40 linear chain in which the molar ratio of phenyl-sulphonate substituent in position 1 or 2 is between 0 and 13 %, and (b) 15 % to 50 % by weight of one heavy alkyl-aryl-sulphonate, in which the aryl radical is phenyl substituted or not and the alkyl chains are either two linear alkyl chains with a total of 16 to 40 carbon atoms or one or several branched alkyl chains with an average total of 15 to 48 carbon atoms. Insofar as these mixtures contain less than 10 % of linear mono-alkyl-phenyl-sulphonate substituted in position 1 or 2 of the linear alkyl chain, they have properties enabling their use as washing-dispersing additive for lubricating oils.

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