

Title (en)
LUBRICATING OIL COMPOSITIONS WITH ENGINE WEAR PROTECTION

Title (de)
SCHMIERÖLZUSAMMENSETZUNGEN MIT MOTORVERSCHLEISSCHUTZ

Title (fr)
COMPOSITIONS D'HUILE LUBRIFIANTE SERVANT DE PROTECTION CONTRE L'USURE DU MOTEUR

Publication
EP 3240880 A1 20171108 (EN)

Application
EP 15825747 A 20151228

Priority
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Abstract (en)
[origin: US2016186084A1] A method for improving wear control, while maintaining or improving fuel efficiency, in an engine or other mechanical component lubricated with a lubricating oil by using as the lubricating oil a formulated oil. The formulated oil has a composition including a lubricating oil base stock as a major component, and a mixture of (i) at least one carboxylic acid or metal salt of a carboxylic acid (e.g., metal stearate or stearic acid), and (ii) at least one surfactant (e.g., nonionic surfactant), as a minor components. A method for improving solubility, compatibility and dispersancy of polar additives in a lubricating oil is also provided. A lubricating oil having a composition including a lubricating oil base stock as a major component, and a mixture of (i) at least one carboxylic acid or metal salt of a carboxylic acid, and (ii) at least one surfactant, as minor components. The lubricating oils are useful in internal combustion engines.

IPC 8 full level
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