

Title (en)
LUBRICATING COMPOSITIONS FOR DIESEL PARTICULATE FILTER PERFORMANCE

Title (de)
SCHMIERMITTELZUSAMMENSETZUNG FÜR DIESELPARTIKELFILTERLEISTUNG

Title (fr)
COMPOSITIONS LUBRIFIANTES POUR LA PERFORMANCE DE FILTRE À PARTICULES DIESEL

Publication
EP 3927796 B1 20230329 (EN)

Application
EP 20721807 A 20200422

Priority
• US 201916288372 A 20190228
• IB 2020053824 W 20200422

Abstract (en)
[origin: US2020277541A1] A lubricating oil composition and method of lubricating an engine equipped with a diesel particulate filter using the lubricating oil composition. The lubricating oil composition may contain greater than 50 wt. % of a base oil of lubricating viscosity, an amount of one or more calcium-containing detergents to provide less than 1700 ppm calcium, an amount of one or more magnesium-containing detergents to provide less than 450 ppm magnesium, an amount of one or more molybdenum-containing compounds to provide less than 450 ppm molybdenum, from about 700 ppm to about 900 ppm of phosphorus, and a total sulfated ash content of no greater than 1.0 wt. %, all as measured by ASTM D874, based on the total weight of the lubricating oil composition; and a ratio, in ppm, of calcium from the one or more calcium-containing detergents to magnesium from the one or more magnesium-containing detergents of 1:1 or more.

IPC 8 full level
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C10N 2010/04 (2013.01 - EP KR); **C10N 2010/12** (2013.01 - EP KR); **C10N 2030/04** (2013.01 - US); **C10N 2030/40** (2020.05 - EP KR);
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C10N 2040/25 (2013.01 - EP KR US); **C10N 2040/253** (2020.05 - EP KR); **C10N 2040/255** (2020.05 - EP KR)

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