

Title (en)
LUBRICANT OIL COMPOSITION

Title (de)
SCHMIERÖLZUSAMMENSETZUNG

Title (fr)
COMPOSITION D'HUILE LUBRIFIANTE

Publication
EP 1918356 A1 20080507 (EN)

Application
EP 06782833 A 20060814

Priority
• JP 2006316274 W 20060814
• JP 2005235550 A 20050815

Abstract (en)
The present invention provides a lubricating oil composition which has excellent anti-wear properties for a metal pulley and a metal belt and initial anti-shudder properties and can retain the anti-shudder properties for a long period of time, suitable for use in a continuously variable transmission with a slip-controlled wet clutch and a metal belt. The lubricating oil composition comprises a lubricating base oil, (A) an alkylsalicylic acid metal salt and/or an (overbased) basic salt thereof, wherein the component ratio of the monoalkylsalicylic acid metal salt is from 85 to 100 percent by mole, the component ratio of the dialkylsalicylic acid metal salt is from 0 to 15 percent by mole and the component ratio of the 3-alkylsalicylic acid metal salt is from 40 to 100 percent by mole; (B) a specific nitrogen compound; and (C) a phosphorus-containing anti-wear agent.

IPC 8 full level
C10M 163/00 (2006.01); **C10M 101/02** (2006.01); **C10M 129/54** (2006.01); **C10M 135/36** (2006.01); **C10M 137/04** (2006.01);
C10M 141/10 (2006.01); **C10M 159/22** (2006.01); **C10N 40/04** (2006.01)

CPC (source: EP US)
C10M 163/00 (2013.01 - EP US); **C10M 2203/10** (2013.01 - EP US); **C10M 2203/1006** (2013.01 - EP US); **C10M 2207/026** (2013.01 - EP US);
C10M 2207/144 (2013.01 - EP US); **C10M 2207/146** (2013.01 - EP US); **C10M 2207/262** (2013.01 - EP US); **C10M 2215/064** (2013.01 - EP US);
C10M 2215/28 (2013.01 - EP US); **C10M 2219/046** (2013.01 - EP US); **C10M 2219/104** (2013.01 - EP US); **C10M 2219/106** (2013.01 - EP US);
C10M 2219/108 (2013.01 - EP US); **C10M 2223/04** (2013.01 - EP US); **C10M 2223/041** (2013.01 - EP US); **C10M 2223/042** (2013.01 - EP US);
C10M 2223/043 (2013.01 - EP US); **C10M 2223/045** (2013.01 - EP US); **C10M 2223/047** (2013.01 - EP US); **C10M 2223/049** (2013.01 - EP US);
C10M 2229/041 (2013.01 - EP US); **C10N 2010/02** (2013.01 - EP US); **C10N 2010/04** (2013.01 - EP US); **C10N 2030/00** (2013.01 - EP US);
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C10N 2040/04 (2013.01 - EP US); **C10N 2040/042** (2020.05 - EP US); **C10N 2040/045** (2020.05 - EP US); **C10N 2060/14** (2013.01 - EP US)

C-Set (source: EP US)
1. **C10M 2203/1006 + C10M 2203/1006**
2. **C10M 2207/144 + C10M 2207/144**
3. **C10M 2207/146 + C10M 2207/146**
4. **C10M 2207/262 + C10M 2207/262**
5. **C10M 2219/046 + C10N 2010/04**

Cited by
EP2826846A4; US10808198B2; US9574157B2; WO2014186318A1; WO2019162744A1; EP3109299B1; EP3072949B1

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