

Title (en)
Lubricating oil composition.

Title (de)
Schmiermittelzusammensetzung.

Title (fr)
Composition lubrifiante.

Publication
EP 0286996 A2 19881019 (EN)

Application
EP 88105669 A 19880409

Priority
JP 8793387 A 19870411

Abstract (en)
A lubricating oil composition comprising: (A) a base oil having a naphthene content of at least 30%, an aromatic content of not more than 2%, and a kinematic viscosity at 100 DEG C of 1.5 to 30 cSt; and (B) 0.01 to 5% by weight based on the total weight of the composition of a friction modifier. This composition is very useful as a lubricating oil for use in an automatic transmission or a continuously variable transmission, or as a lubricating oil for use in parts including a wet clutch or a wet brake of an agricultural tractor, etc.

IPC 1-7
C10M 169/04

IPC 8 full level
C10M 169/04 (2006.01); **C10N 20/02** (2006.01); **C10N 30/06** (2006.01); **C10N 30/12** (2006.01); **C10N 40/04** (2006.01); **C10N 40/06** (2006.01)

CPC (source: EP KR US)
C10M 101/02 (2013.01 - EP); **C10M 105/04** (2013.01 - EP KR); **C10M 105/06** (2013.01 - EP); **C10M 107/02** (2013.01 - EP); **C10M 107/08** (2013.01 - EP); **C10M 129/06** (2013.01 - EP); **C10M 129/40** (2013.01 - EP); **C10M 129/42** (2013.01 - EP); **C10M 129/54** (2013.01 - EP); **C10M 129/76** (2013.01 - EP); **C10M 133/16** (2013.01 - EP); **C10M 137/02** (2013.01 - EP); **C10M 137/04** (2013.01 - EP); **C10M 137/08** (2013.01 - EP); **C10M 159/08** (2013.01 - EP); **C10M 159/20** (2013.01 - EP); **C10M 159/22** (2013.01 - EP); **C10M 159/24** (2013.01 - EP); **C10M 169/045** (2013.01 - EP US); **C10M 2203/02** (2013.01 - EP US); **C10M 2203/022** (2013.01 - EP US); **C10M 2203/024** (2013.01 - EP US); **C10M 2203/04** (2013.01 - EP US); **C10M 2203/045** (2013.01 - EP US); **C10M 2203/06** (2013.01 - EP US); **C10M 2203/065** (2013.01 - EP US); **C10M 2203/10** (2013.01 - EP US); **C10M 2203/1006** (2013.01 - EP US); **C10M 2203/102** (2013.01 - EP US); **C10M 2203/1025** (2013.01 - EP US); **C10M 2203/104** (2013.01 - EP US); **C10M 2203/1045** (2013.01 - EP US); **C10M 2203/106** (2013.01 - EP US); **C10M 2203/1065** (2013.01 - EP US); **C10M 2203/1085** (2013.01 - EP US); **C10M 2205/00** (2013.01 - EP US); **C10M 2205/02** (2013.01 - EP US); **C10M 2205/0206** (2013.01 - EP US); **C10M 2205/026** (2013.01 - EP US); **C10M 2205/0265** (2013.01 - EP US); **C10M 2205/04** (2013.01 - EP US); **C10M 2207/021** (2013.01 - EP US); **C10M 2207/024** (2013.01 - EP US); **C10M 2207/026** (2013.01 - EP US); **C10M 2207/028** (2013.01 - EP US); **C10M 2207/123** (2013.01 - EP US); **C10M 2207/125** (2013.01 - EP US); **C10M 2207/126** (2013.01 - EP US); **C10M 2207/127** (2013.01 - EP US); **C10M 2207/129** (2013.01 - EP US); **C10M 2207/14** (2013.01 - EP US); **C10M 2207/142** (2013.01 - EP US); **C10M 2207/144** (2013.01 - EP US); **C10M 2207/146** (2013.01 - EP US); **C10M 2207/22** (2013.01 - EP US); **C10M 2207/26** (2013.01 - EP US); **C10M 2207/262** (2013.01 - EP US); **C10M 2207/281** (2013.01 - EP US); **C10M 2207/282** (2013.01 - EP US); **C10M 2207/283** (2013.01 - EP US); **C10M 2207/286** (2013.01 - EP US); **C10M 2207/287** (2013.01 - EP US); **C10M 2207/288** (2013.01 - EP US); **C10M 2207/289** (2013.01 - EP US); **C10M 2207/34** (2013.01 - EP US); **C10M 2207/40** (2013.01 - EP US); **C10M 2207/402** (2013.01 - EP US); **C10M 2207/404** (2013.01 - EP US); **C10M 2209/084** (2013.01 - EP US); **C10M 2215/04** (2013.01 - EP US); **C10M 2215/042** (2013.01 - EP US); **C10M 2215/064** (2013.01 - EP US); **C10M 2215/065** (2013.01 - EP US); **C10M 2215/08** (2013.01 - EP US); **C10M 2215/082** (2013.01 - EP US); **C10M 2215/086** (2013.01 - EP US); **C10M 2215/12** (2013.01 - EP US); **C10M 2215/122** (2013.01 - EP US); **C10M 2215/26** (2013.01 - EP US); **C10M 2215/28** (2013.01 - EP US); **C10M 2217/046** (2013.01 - EP US); **C10M 2217/06** (2013.01 - EP US); **C10M 2219/02** (2013.01 - EP US); **C10M 2219/022** (2013.01 - EP US); **C10M 2219/024** (2013.01 - EP US); **C10M 2219/046** (2013.01 - EP US); **C10M 2219/068** (2013.01 - EP US); **C10M 2219/089** (2013.01 - EP US); **C10M 2223/02** (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 2223/049** (2013.01 - EP US); **C10M 2223/10** (2013.01 - EP US); **C10M 2223/12** (2013.01 - EP US); **C10M 2223/121** (2013.01 - EP US); **C10M 2225/04** (2013.01 - EP US); **C10N 2010/00** (2013.01 - EP US); **C10N 2010/04** (2013.01 - EP US); **C10N 2010/06** (2013.01 - EP US); **C10N 2040/00** (2013.01 - EP US); **C10N 2040/04** (2013.01 - EP US); **C10N 2040/042** (2020.05 - EP US); **C10N 2040/044** (2020.05 - EP US); **C10N 2040/046** (2020.05 - EP US); **C10N 2040/08** (2013.01 - EP US); **C10N 2040/30** (2013.01 - EP US); **C10N 2040/32** (2013.01 - EP US); **C10N 2040/34** (2013.01 - EP US); **C10N 2040/36** (2013.01 - EP US); **C10N 2040/38** (2020.05 - EP US); **C10N 2040/40** (2020.05 - EP US); **C10N 2040/42** (2020.05 - EP US); **C10N 2040/44** (2020.05 - EP US); **C10N 2040/50** (2020.05 - EP US)

C-Set (source: EP US)
1. **C10M 169/04** + **C10M 101/02** + **C10M 105/04** + **C10M 105/06** + **C10M 107/02** + **C10M 107/08** + **C10M 129/06** + **C10M 129/40** + **C10M 129/42** + **C10M 129/54** + **C10M 129/76** + **C10M 133/16** + **C10M 137/02** + **C10M 137/04** + **C10M 137/08** + **C10M 159/08** + **C10M 159/20** + **C10M 159/22** + **C10M 159/24**
2. **C10M 2207/127** + **C10M 2207/127**

Cited by
US5282990A; EP0407977A1; EP1386982A4; EP0407124A1; GB2402942A; GB2402942B; US5972854A; EP0812900A3; GB2257158A; GB2257158B; US5817605A; EP0573231A1; US6074995A; US2023174882A1; GB2285056A; GB2285056B; US5391307A; US5198129A; EP1657293A3; US5395539A; US5484543A; US9102897B2; US9701921B1; US8202829B2; US9677026B1; US6613722B1; WO9839400A3; WO2004074414A1; EP0315873B1

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