

Title (en)  
Power transmission fluids

Title (de)  
Kraftübertragungsflüssigkeit

Title (fr)  
Fluides de transmission de force

Publication  
**EP 1577370 A2 20050921 (EN)**

Application  
**EP 05075444 A 20050224**

Priority  
US 55188604 P 20040310

Abstract (en)  
A power transmission fluid composition for extreme pressure applications. The power transmission fluid includes a base oil, and an additive composition containing an extreme pressure performance improving amount of an ester of phosphonic acid of the formula: where R 1 is a hydrocarbyl group containing from about 8 to about 24 carbon atoms, R 2 and R 3 are independently selected from hydrogen and a hydrocarbyl group containing from about 1 to about 8 carbon atoms, provided that no more than one of R 2 and R 3 is hydrogen, a succinimide dispersant, and, optionally, a metal-based detergent. The optional detergent is substantially devoid of calcium cations.

IPC 1-7  
**C10M 163/00**; C10M 141/10; C10M 169/04

IPC 8 full level  
**C10M 133/56** (2006.01); **C10M 137/12** (2006.01); **C10M 141/10** (2006.01); **C10M 163/00** (2006.01); **C10M 169/04** (2006.01);  
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**C10M 137/04** (2013.01 - KR); **C10M 141/10** (2013.01 - EP US); **C10M 163/00** (2013.01 - EP US); **C10M 169/04** (2013.01 - EP US);  
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**C10M 2215/086** (2013.01 - EP US); **C10M 2215/224** (2013.01 - EP US); **C10M 2215/28** (2013.01 - EP US); **C10M 2217/043** (2013.01 - EP US);  
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**C10N 2060/14** (2013.01 - EP US)

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