

Title (en)

DIESTER-BASED BASE OIL BLENDS WITH IMPROVED COLD FLOW PROPERTIES AND LOW NOACK

Title (de)

DIESTERBASIERTE BASISÖLMISCHUNGEN MIT VERBESSERTEN KALTFLIESSEIGENSCHAFTEN UND NIEDRIGER NOACK-FLÜCHTIGKEIT

Title (fr)

MÉLANGES D'HUILES DE BASE À BASE DE DIESTERS PRÉSENTANT DE MEILLEURES PROPRIÉTÉS DE FLUAGE À FROID ET UNE FAIBLE VOLATILITÉ NOACK

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Application

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Abstract (en)

[origin: WO2014179723A1] The present invention is generally directed to diester-based base oils and base oil blends with improved cold flow properties and improved Noack. The diesters employed have a number a performance benefits in lubricant applications - among them: biodegradability, extreme temperature performance, oxidative stability, solubility for additives and deposit and sludge precursors, flash and fire points. However, ester usage in lubricants has been quite limited due to their high cost. We utilize new proprietary diesters, structurally different from traditional diesters, which are made from fatty acids and alpha olefins in simple processing steps, yet feature performance similar to more traditional lubricant esters.

IPC 8 full level

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