

## Title (en)

Mineral oil based transmission fluid.

## Title (de)

Kraftübertragungsflüssigkeit auf Basis Mineralöl.

## Title (fr)

Fluide de transmission de puissance à base d'huile minérale.

## Publication

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## Application

**EP 90124345 A 19901215**

## Priority

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## Abstract (en)

Hydraulic fluids, predominantly for hydrokinetic drives, also called automatic transmission fluids (ATF), are based on mineral oil, the base oil being a paraffin-based oil raffinate having viscosities of about 4 mm<sup>2</sup>s<sup>-1</sup> at 100 DEG C, with additives necessary for this application, with the exclusion of polyisobutylene-based dispersants, having been added thereto, and are formulated in such a way that they have Brookfield viscosities from less than 30,000 to less than 20,000 mPas at -40 DEG C. The decrease in viscosity at low temperatures is made possible by replacing the polyisobutylene-based dispersant by a dispersant based on polyalkyl (meth)acrylate.

## Abstract (de)

Hydraulikflüssigkeiten, vorwiegend für den hydrokinetischen Antrieb, auch Automatic Transmission Fluids (ATF) genannt, auf Basis Mineralöl, wobei das Grundöl ein paraffinbasiertes Ölraffinat mit Viskositäten bei 100 °C von ca. 4 mm<sup>2</sup>s<sup>-1</sup> ist, und dem für diesen Verwendungszweck notwendige Additive, unter Ausschluß von Dispergiermitteln auf Polyisobutylenbasis, zugesetzt sind, und die so formuliert, bei -40 °C, Brookfield-Viskositäten unter 30.000 bis unter 20.000 mPas aufweisen. Die Viskositätssenkung bei tiefen Temperaturen wird durch Ersatz des Dispergiermittels auf Polyisobutylenbasis durch ein solches auf Polyalkyl(meth)acrylatbasis möglich.

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