

Title (en)
METALWORKING FLUID

Title (de)
METALLBEARBEITUNGSFLUID

Title (fr)
FLUIDE DE TRAVAIL DU MÉTAL

Publication
EP 1741771 A1 20070110 (EN)

Application
EP 05727451 A 20050329

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Abstract (en)
A first oil for metal working of the invention comprises an ester oil and a hydrocarbon oil with a kinematic viscosity of 1-20 mm²/s at 40°C. A second oil for metal working of the invention employs an ester oil as the base oil and has a moisture content of 200-20,000 ppm. The first and second oils for metal working have excellent properties as water-insoluble oils for non-ferrous metal working and as oils for cutting and grinding in a minimum quantity lubrication system, and can therefore achieve improved working efficiency and extended tool life.

IPC 8 full level
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