Title (en)
OIL REFINING PROCESS

Title (de)
ÖLRAFFINATIONSVERFAHREN

Title (fr)
PROCÉDÉ DE RAFFINAGE D'HUILE

Publication
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Application
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Priority
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Abstract (en)
[origin: WO2008059311A1] A process for heating used lubricating oil (ULO) to dehydrate and/or recover distillable components therefrom, is disclosed. The ULO feed is heated by direct contact heat exchange with a non-pyrolyzing molten fluid, molten metal, or molten salt, preferably maintained as a continuous phase bath, operating at a temperature above the boiling point of water and below 600°C. The ULO feed is heated and at least partially vaporized in, or above, or by contact with the molten fluid. Lubricant boiling range hydrocarbons are recovered as a vapor product. The additive package in the ULO, or decomposition products thereof, are recovered as a liquid phase.

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