

ABSTRACT

METHOD AND APPARATUS TO MANUFACTURE OPTIMUM VI DEWAXED OIL

Method and apparatus for optimizing the extraction of aromatics from waxy distillates and the dewaxing of waxy raffinates in the manufacture of lubricating oils which involves measuring the absorption spectrum of waxy raffinates in the frequency range 3500 to 12000 cm^{-1} , converting the absorption spectrum into a number representative of the viscosity index, and changing the operation of solvent extraction and/or dewaxing step(s) to optimize the viscosity index.

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