

Analysis of 370-550 °C Petroleum Fraction using an Agilent J&W FactorFour VF-5ht UltiMetal Column

Application Note

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Introduction

The hydrocarbon boiling point fraction of 370-550 °C mainly covers the C20-C40 hydrocarbons. These type of fractions may include heavy gas oil, petroleum waxes and lube stocks. On-column is the preferred injection mode for analyses of this type. The VF-5ht UltiMetal column can easily withstand the demanding conditions set for this analysis both in terms of robustness of column material and durability, and temperature stability of the VF-5ms liquid phase.





Low baseline at higher temperature enhancing signal-to-noise ratio and improving detection limits

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