KES

Analysis of Component for Diesel Fuel Oil

KES T – M035

(EST.) 1988 – 07 – 02

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KIA MOTORS

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1. Scope of application

This standard shall be prescribed to the method of qualitative and quantitative analysis of an organic component.

2. Gas chromatograph test

2.1 Condition of analysis

(1) Column : OV-101 0.25 mmϕ × 28 m Glass WCOT

(2) Temperature of column : 70 → 230℃ 4℃/min

(3) Temperature of a vaporizing room : 250℃

(4) Temperature of a detector : 250℃

(5) Carrier gas : N2 0.7 mℓ / min

(6) Detector : FID

(7) Range : 0.32 V

(8) Sensitivity : 103 MΩ

(9) Speed of chart : 5 mm / min

2.2 Gas chromatograph chart

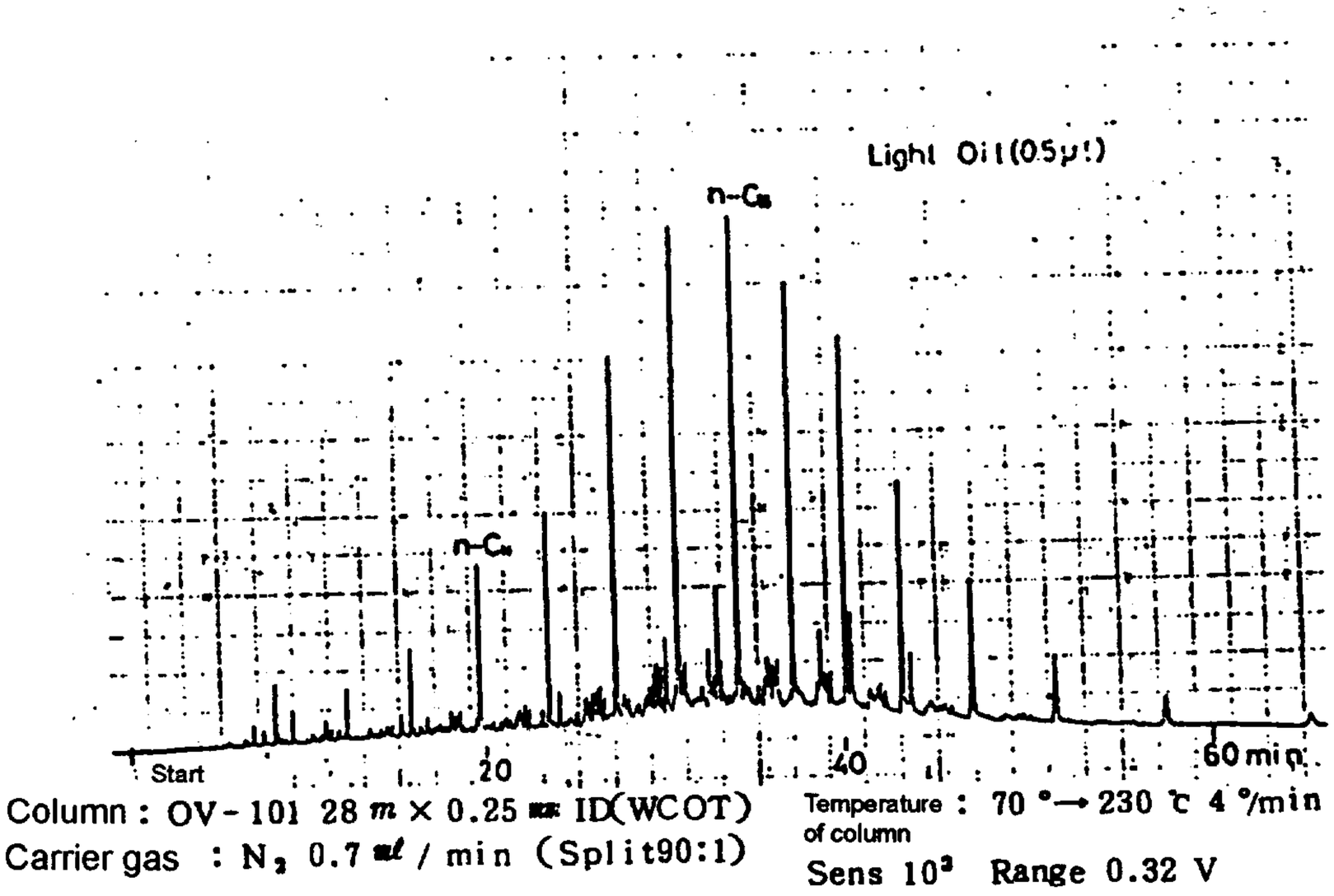

Figure 1. Gas chromatograph

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