



Inspection of Products  
Quality Control, SLOVNAFT, a. s.,  
Vičie hrdlo 1, 824 12 Bratislava



INSPECTION CERTIFICATE No: 130226\_040

ROTH HEIZOLE GMBH  
Dellachergasse 8  
8793 Trofaiach  
AT

Inspection object : DIESEL B7 (bio min 6,6% (V/V))  
Inspection technique : Conformity assessment according to QC\_1\_REF\_SN1 with: STN EN 590+A1/O1  
Contract No. : 55210136400.  
Delivery Order Number : 16090162  
Tariff item : 2710 20 11

Batch : EXP\_N5329/38485/

Release : 19. 2. 2013 14:56:23

Production date : 19. 2. 2013

Property	Results	Requirements	Test Method
Appearance,	pass	pass	STN 65 6541
Cetane number,	52.7	min. 51	STN EN 15195
Cetane index,	52.1	min. 46	STN EN ISO 4264
Density at 15 °C, kg/m <sup>3</sup>	839.5	820 - 845	STN EN ISO 12185
Density at 15 °C adj. for buoyancy, kg/m <sup>3</sup>	838.4		DIN 51650
PAH, % (m/m)	2.4	max. 8	STN EN 12916
Sulphur, mg/kg	8.74	max. 10	STN EN ISO 20846
Flash point, closed cup, °C	74.0	min. 56	STN EN ISO 2719
Carbon residue (CCT), % (m/m)	0.02	max. 0.3	STN EN ISO 10370
Ash, % (m/m)	0.001	max. 0.01	STN EN ISO 6245
Water, mg/kg	30	max. 200	KK-LPC-PP68
Cloud point, °C	-7		STN EN 23015
Total contamination, mg/kg	11.8	max. 24	STN EN 12662
Copper strip corrosion,	1a	1	STN EN ISO 2160
Oxidation stability, g/m <sup>3</sup>	1	max. 25	STN EN ISO 12205
Oxidation stability, hod	78.4	min. 20	STN EN 15751
Lubricity (wsd 1.4)/60 °C, µm	180	max. 460	STN EN ISO 12156-1
Viscosity at 40 °C, mm <sup>2</sup> /s	2.796	2 - 4.5	STN EN ISO 3104 + AC
95 % (V/V) distill. over, °C	351.8	max. 360	STN EN ISO 3405
At 250 °C recovered, % (V/V)	35.3	max. 64.5	STN EN ISO 3405
At 350 °C recovered, % (V/V)	94.5	min. 85	STN EN ISO 3405
FAME, % (V/V)	6.7	max. 7	STN EN 14078
Cold filter plugging point, (CFPP), °C	-30	max. -20	STN EN 116

Statement: The analytical testing was performed in accredited testing laboratories as subcontracting.

Tank(s): 37807849022-4 33807967313-7 37807957070-1 37807957001-6 37807957030-5 37807957068-5 33807956791-7  
33877855456-2 33877855033-9 37807850113-7 37807855055-5 33517863286-5 33807860523-9 33877855450-5  
33817856038-3 33807966629-7 33517850153-2 33817854223-3 33807956625-7 33877855753-2

Object of inspection meets requirements in compliance with: STN EN 590+A1/O1

Date of Inspection: 26. 2. 2013

Inspection executed and approved by: **Cainarová Mária, inspector**

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