

Soluciones ECO-lógicos
Tratamientos ECO-lógicos
EEE = eficaz - económico – ecológico

Otros solo venden productos – nosotros tenemos soluciones!
Todo para el campo, tierra y agua



PETRO LAB
GMBH

Brunckstraße 12 · D-67346 Speyer
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WASTE 2 OIL GmbH
 Mrs. Ute Ruhs
 Industriegelände Straße E, Nr. 1

02977 Hoyerswerda

Speyer, 02. Dezember 2009/ne
 Page 1 of 2

Certificate of analysis

Customer : WASTE 2 OIL, Mrs. Ute Ruhs,
 Industriegelände Straße E Nr. 1, 02977 Hoyerswerda
Your Order : with letter on 2009-11-26
Product : diesel fuel
Label description : RC-02-11-09 Waste 2 Oil
Sample quantity : ca.2,0 litres in 2,5 litres tin can
Analysis : quality check acc. EN 590
Sample receive : 2009-11-30
PL-No. : 96.213

The sample given to us was analysed with the following results.

Appearance/odour brown, turbid Odour: musty after thermal stress

Quality criteria	Method	Dimension	Results
Density at 15°C	EN ISO 12185	kg/m ³	843,1
Sulphur Content as sulphur	EN ISO 14596 (X-Ray-method)	mg/kg	522
Filterability (CFPP)	EN 116	°C	-20
Cloudpoint	EN 23015	°C	-19
Distillation	EN ISO 3405		
Initial Boiling Point (IBP)		°C	181,7
5 Vol.-% recovered		°C	202,9
10 Vol.-% recovered		°C	209,4
20 Vol.-% recovered		°C	218,7
30 Vol.-% recovered		°C	229,9
40 Vol.-% recovered		°C	240,7
50 Vol.-% recovered		°C	252,4
60 Vol.-% recovered		°C	264,8
70 Vol.-% recovered		°C	278,8
80 Vol.-% recovered		°C	296,6
90 Vol.-% recovered		°C	322,0
95 Vol.-% recovered		°C	348,5
Final Boiling Point (FBP)		°C	362,5
recovered at			
250 °C	% (v/v)		47,9
350 °C	% (v/v)		95,2
370 °C	% (v/v)	größer 99	
Loss/Residue	% (v/v)		0,5/0,5

The results refer only to the delivered samples and the analysed parameters.
 Without written authorisation of the testing laboratory it is not allowed to publish any part of the report.

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Seite 2 von 2 zu Analysenzertifikat
 WASTE 2 OIL GmbH, Hoverswerda
 PL-No. 96.213

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Quality criteria	Method	Dimension	Results
Flashpoint (PM)	EN ISO 2719	°C	58,0
Viscosity kinematic at 40 °C	EN ISO 3104	mm ² /s	2,33
Fattyacid-methylester (FAME) as rapeseed methylester	DIN 51627-1	% (v/v)	0,4
Lubricity (HFRR) corrected „wear scar diameter“, (wsd 1,4 at 60 °C)	ISO 12156-1	µm	257
Water content (K.F.)	EN ISO 12937	mg/kg	630
Oxid ash (at 750 °C)	EN ISO 6245	% (m/m)	0,004
Conradson Carbon related to original sample	EN ISO 10370 (micro procedure)	% (m/m)	less than 0,01
Cetane index	EN ISO 4264		46,6
Total contamination	EN 12662	mg/kg	27
Copper Corrosion (3 h at 50°C)	EN ISO 2160	Code	1
Oxidation stability (95°C, 16 hours of oxygen discharge) (*) not determinable because of extreme aging behaviour	EN ISO 12205	g/m ³ (black coal residue!)	213
Aromatic content	EN 12916		
- Monoaromatics		% (m/m)	28,8
- Diaromatics		% (m/m)	3,6
- Tri+-aromatics		% (m/m)	0,3
- Polyaromatics		% (m/m)	3,9
- total aromatics		% (m/m)	32,7
- Polycyclic aromatic hydrocarbons (= total aromatics – mono aromatics) acc. EN 590 definition		% (m/m)	3,9

Thank you for your commission. In case of any question please don't hesitate to call us.

With kinds regards

PETROLAB GmbH
 Laboratory for petrochemical and environmental analysis

D. Mehlis

i. V. Dipl.-Chem. E. Neger

Die Prüfergebnisse beziehen sich ausschließlich auf das uns übergebene Muster in den geprüften Kriterien. Ohne schriftliche Genehmigung des Prüflaboratoriums darf dieser Prüfbericht nicht auszugsweise veröffentlicht werden.

GammaKat ratifica que toda la información solicitada será utilizada únicamente para realizar los cálculos, logística y determinar la configuración de la planta que mejor convenga al Cliente, por lo que toda información será manejada de forma confidencial.