

**PASS**

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1600

Customer Code: 1JFCOD  
Company Name: JHB Fuel Cash Customer  
Site: CENTURION\_BIODIESEL  
Make And Model:  
Name: CENTURION\_BIODIESEL  
Chassis/Serial:  
Registration:  
Container: WEARCHECK  
Sample Volume: 280

Sampled Date:  
Received Date: 03/06/2013  
Reported Date: 03/06/2013

**Tests**

Sample Number: BS36157

**SANS 1935 SPECIFICATIONS**

TESTS	RESULTS	UNITS	LIMITS	COMMENTS
Density @15 °C	0.8847	g/mL	0.86-0.9	PASS
Viscosity@40°C (ASTM D7042)*	5.0	cSt	3.5 - 5	PASS
Flashpoint (ASTM D93)*	161	°C	120 min	PASS
Water Content (ASTM D6304)	0.021	%	0.05 max	PASS
Total Acid Number	0.12	mgKOH/g	0.5 max	PASS
Total Contamination (IP 440)*	0.0	mg/Kg	24 max	Not Requested
Sulphur (ASTM D4294)*	1	ppm		

\* Not An Accredited SANAS Method

**Visual Inspections / Additional Tests**

UNIT	RESULT	ELEMENTAL ANALYSIS
Free Water	None Observed	Iron : Silicon :
Colour	Brown	Aluminium : Manganese :
Appearance	Clear	Magnesium : Sodium :
Bacteria Content	Not Requested	Zinc : Vanadium :
		Lead : Sulphur :

**Distillation And Graph**

**Distillation Data**

IBP	0
10	0
20	0
30	0
40	0
50	0
60	0
70	0
80	0
90	0
FBP	0
Rec %	0.0



**Diagnosis**

1.) s/n:BS36157 on SMR:0HRS  
Insufficient sample supplied, unable to determine total contamination or capture images of debris. The sample provided conforms with SANS 1935 specifications with respect to the tests carried out.

Technical Signatory: Mark Govender

Issued subject to Standard Conditions (available on request). NOTE: The results relate only to the sample tested - the opinions and interpretation expressed are outside the scope of the accreditation. Uncertainty of the methods are available on request.  
The test report shall not be reproduced except in full, without written approval of the laboratory.  
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