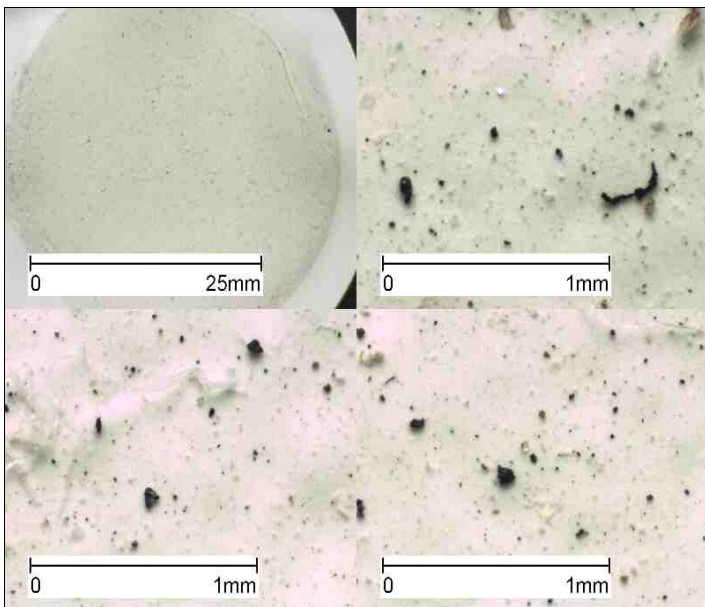


# Bio-Diesel Analysis Report

<b>Sample No:</b> BS16035 88		<b>Sample Conformity:</b> YES	
Company Name: Oilmate Africa		Description: Tank	
Contact: Pieter De Villiers		Site:	
Work Phone:		Type of Fuel Container: WearCheck Fuel Container	
Fax Number: 044 695 4935		Sample Volume: 500 ml	
Email Address: pietdevs@gmail.com		Sampling Date: 2010/01/20	
		Date sample received: 2010/01/25	
		Test Date (Sample): 2010/01/26	

TESTS DONE	RESULTS	UNITS	SANS 1935 SPECIFICATIONS		
Density @ 15°C:	0.8858	Kg/L	0.86 - 0.9	PASS	Density is within the SANS specifications
Viscosity @ 40°C	4.7	cSt	3.5 - 5	PASS	Viscosity is within specification
Flashpoint	150	°C	120, min	PASS	Flashpoint exceeds the min. spec.
Water Content (Soluble Water)	0.01	%	0.05, max	PASS	Water content is within specification
Total Acid Number	0.16	mgKOH/g	0.5, max	PASS	TAN is within specifications
Total Contamination	21.2	mg/kg	24, max	PASS	Total Contamination is within spec.
Sulphur Content	5	ppm			

VISUAL INSPECTIONS		ADDITIONAL TESTS	
Free Water (Visual)	None Observed	Bacteria	Not Requested
Free Water (ml)	0 ml		
Colour of Bio Diesel	Dark Straw Yellow		
Appearance	Clear		

DISTILLATION AND GRAPH		IMAGE OF DEBRIS	
IBP	299 °C		
10	315 °C		
20	325 °C		
30	329 °C		
40	332 °C		
50	335 °C		
60	338 °C		
70	349 °C		
80	369 °C		
90	374 °C		
FBP	376 °C		
% Rec	97.4		
Normal distillation - no dehydration of sample was required			
<b>Analyst Comments:</b>			
The sample supplied conforms with SANS specification ( SANS 1935) with respect to tests performed.			

Issued subject to Standard Conditions (available on request)

For all correspondence, please contact WearCheck Africa

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