

PASS

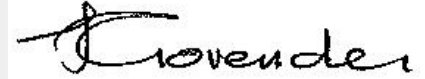
MR T MYNHARDT [TYRONE]
P O BOX 1097
PRETORIA
0077

Company Name : Dynamic Diesel Solutions (Pty) Ltd
Customer Code : FDDSPA | **Site:** N4
Equipment Name: DDS_RADI_FUEL_DIESEL_BULK_TANK->FUEL
Chassis/Serial:
Registration :
Eq Make/Model :
Cmp Make/Model: DIESEL BULK TANK
Job No : DDS-WH
Brand/Grade :
Container : NON WEARCHECK | **Sample Volume:** 480

Sampled Date : 28/07/2016
Received Date : 11/08/2016
Reported Date: 11/08/2016
Test Date : 11/08/2016

Diagnosis

1.) s/n:BS63285 on 28/07/2016 SMR:0HRS
The sample supplied conforms with SANS specification (SANS 342:2014) with respect to the tests performed.



Technical Signatory:Loshini Govender

Tests

Sample Number: BS63285

SANS 342:2014 SPECIFICATIONS

	RESULTS	UNITS	LIMITS	COMMENTS
Density@20°C (ASTM D7042)*	0.825	Kg/L	0.800 min	PASS
Viscosity@40°C (ASTM D7042)*	3.1	cSt	2.2-5.3	PASS
Flashpoint (ASTM D93)*	68	°C	55 min	PASS
Water Content (ASTM D6304)	0.002	%	0.035 max	PASS
90% Recovery Temp (ASTM D86)*	340	°C	362 max	PASS
Total Contamination (IP440/SANS 52662)*	4.4	mg/Kg	24 max	PASS
Sulphur (ASTM D4294)*	10	ppm	500 max	PASS
Sulphur	0.0010	%		
Residue (ASTM D86)*	1.8	%		
Cetane Index (ASTM D976)*	57.7			

* Not An Accredited SANAS Method

Visual Inspections / Additional Tests

Particle Count

UNIT	RESULTS	COMMENTS
Free Water	None Observed	PASS
Colour	STY	
Appearance	Clear	
Bacteria Content	Not Requested	
Total Acid Number	mgKOH/g	Not Requested
IP Contamination	Not Requested	
Biodiesel	%	Not Requested

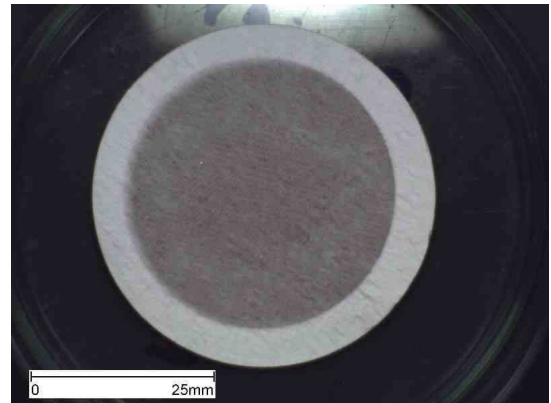
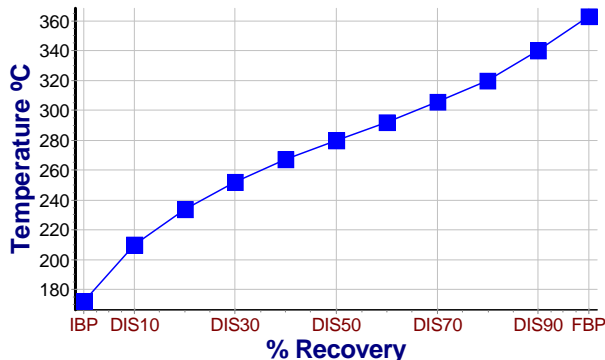
4 micron	6 micron	14 micron	20 micron	25 micron	50 micron	75 micron	100 micron	Cleanliness
2077	623	38	8	5	9	0	0	19/17/13

Iron :	Silicon :
Aluminium:	Manganese:
Magnesium:	Sodium :
Zinc :	Vanadium :
Lead :	

Distillation And Graph

Distillation Data

IBP	172
10	210
20	234
30	252
40	267
50	280
60	292
70	306
80	320
90	340
FBP	363
Rec %	97.8



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. Where a test method is quoted, it is taken to mean that the test carried out is closely based on, but may not conform exactly to, the quoted method. The test report shall not be reproduced except in full, without written approval of the laboratory.