



Client : CREDENCE FIELD SDN BHD
Sample : CF1-8 POWER FUEL ADDITIVE
Date : 20/08/2007

Report No. : KL0645B (0456/2007)

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Attachment:
General Conditions of Service



Client:
Sample:
Date:

CREDENCE FIELD SDN BHD
CF1-8 POWER FUEL ADDITIVE
20/08/2007

Analytical Report

We received one (1) sample said to be CF1-8 POWER FUEL ADDITIVE from **CREDENCE FIELD SDN BHD** on the 17 August 2007.

On testing, the following results obtained:

TEST	UNIT	METHOD ASTM D	RESULTS
Density @ 15°C	Kg/l	D1298-99	0.9207
Sediment by Extraction	% wt	D473	0.01
Kinematic Viscosity @ 50°C	cSt	D445-03	25.3
Water by Distillation	% v/v	D95-99	< 0.05
Sulphur Content	% wt	D4294-03	0.066
Gross Calorific Value	Kj/Kg	D240-02	40504
Micro Carbon Residue	% wt	D4530-03	0.43
Ash Content	% wt	D482-03	< 0.05
Flash Point	° C	D93	> 110
Pour Point	° C	D97-02	- 6
Sodium	mg/kg	IP 501	1
Vanadium	mg/kg	IP 501	3

Note:

1. The tests have performed in accordance with the latest issues of the relevant test method unless otherwise stated.
2. Precision parameters applied in determination of above results. Also refer to ASTM D3244-90a, IP 367 and Appendix E of IP Standard Methods for analysis and testing for utilization of test data to determine conformance with specifications.
3. This report shall not be reproduced except in full, without the written approval of the laboratory.





OIL, GAS
& CHEMICALS

Lab Order No : JM/10108049/07
Product : Lubricant
Company : **Credence Field Sdn Bhd**
Block C05/3, Garden City Business Centre
Taman Dagang, Jalan Dagang Besar
68000 Ampang Selangor Darul Ehsan, Malaysia

Sample Recd. Date : 26.11.07
Date Tested : 26.11.07
Date Reported : 26.11.07

ANALYSIS REPORT

Sample 1	Sample 2
CFI-8	CF1
Power Fuel	Carbon Terminator
Additive	

On testing, the following results were obtained :

Test	Unit	Method ASTM-D	Results	
			(1)	(2)
Gross Calorific Value	KJ/kg	240-02	39660	38790
Sulphur	% mass	4294-03	0.035	0.037
Copper Corrosion (2 hrs @ 100°C)		130-04 ^{e1}	No. 1	No. 1
pH		In House	5.2	5.6

This laboratory is accredited under SINGLAS ISO/IEC 17025. The results reported herein have been performed in accordance with the laboratory's term of accreditation except calibrations/tests marked with an asterisk (*) in this report which are not within the scope of SINGLAS accreditation for our laboratory.

SGS-Testing & Control Services Singapore Pte Ltd

Zainal Abidin
Operations Manager



- 1) Tests performed in accordance with the latest issue of relevant test method unless otherwise indicated.
2) Unless specified, above results relate only to the items tested.
3) Precision parameters apply in the determination of the above results. Also refer to latest ASTM D3244, IP 367 & Appendix E of IP Standard Methods for analysis & testing, for utilization of test data to determine conformance with specifications.
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