

## FACSIMILE TRANSMITTAL SHEET

**TO :** GLW OIL PURIFINER PTE LTD **FROM :** Ho Hui Chin  
**DATE :** 14-JUL-2008  
**ATTENTION :** Henry **YOUR FAX NO.:**  
**RE :** ANALYSIS RESULTS **TOTAL PAGES :** 2

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If you do not receive all pages clearly, please let us know as soon as possible to the undersigned either by telephone or fax as stated. Telephone : 68967428 Fax : 68967429

**CB REF/NO. :**

**SAMPLE DESCRIPTION :**

Sample Date : 10/07/2008  
 COMPANY  
 APPLICATION TYPE : GEN SET  
 MAKE AND MODEL : HINO  
 SERIAL NO :  
 OIL TYPE : MOBIL DELVAC (15W40)  
 RUNNING HOURS : 7504HR (2738 HOURS)  
 VESSEL NAME :  
 COLLECTED : 10 JULY 2008

TEST	METHOD	UNIT	SPECIFICATION	RESULT
Kinematic Visco @40 DegC	ISO 3104-94	mm <sup>2</sup> /s	Report	95.70
Kinematic Visco @100 DegC	ISO 3104-94	mm <sup>2</sup> /s	Report	14.00
Viscosity Index	Calculation		Report	149
Insolubles	ASTM D893-05a(MOD)	%	Report	0.7
Dispergency	ASTM D893-05a(MOD)		Report	99
Flash Point at 180 Deg C	Setaflash	°C	Report	Pass
Water Content	Crackle Test	% mass	Report	<0.05
Water Content	Karl Fischer	% mass	Report	
Chlorides	Qualitative		Report	
Base Number	ASTM D2896-07a	mg KOH/g	Report	4.60
PQ-index	PQA		Report	13
Spectro Analysis	ASTM D5185-05(MOD)			
Iron	ASTM D5185-05(MOD)	mg / kg	Report	40
Chromium	ASTM D5185-05(MOD)	mg / kg	Report	3
Molybdenum	ASTM D5185-05(MOD)	mg / kg	Report	3
Copper	ASTM D5185-05(MOD)	mg / kg	Report	23
Lead	ASTM D5185-05(MOD)	mg / kg	Report	< 1
Silver	ASTM D5185-05(MOD)	mg / kg	Report	< 1
Tin	ASTM D5185-05(MOD)	mg / kg	Report	1
Aluminium	ASTM D5185-05(MOD)	mg / kg	Report	2

TEST	METHOD	UNIT	SPECIFICATION	RESULT
Nickel	ASTM D5185-05(MOD)	mg / kg	Report	< 1
Vanadium	ASTM D5185-05(MOD)	mg / kg	Report	< 1
Silicon	ASTM D5185-05(MOD)	mg / kg	Report	9
Boron	ASTM D5185-05(MOD)	mg / kg	Report	4
Sodium	ASTM D5185-05(MOD)	mg / kg	Report	5
Magnesium	ASTM D5185-05(MOD)	mg / kg	Report	347
Phosphorus	ASTM D5185-05(MOD)	mg / kg	Report	1027
Zinc	ASTM D5185-05(MOD)	mg / kg	Report	1269
Barium	ASTM D5185-05(MOD)	mg / kg	Report	< 1
Calcium	ASTM D5185-05(MOD)	mg / kg	Report	2218

**REMARKS :** Normal, no action required. Oil is fit for further used. Resample for testing at normal intervals.



**INTERTEK CALEB BRETT**

All work is carried out in accordance with our Standard Terms and Conditions of Business, a copy of which will be supplied on request.