



ANALYSIS REPORT

Issued by an Accredited Laboratory

No. 116 - 02572/ 06, sample ref: 2006-02980-1



SayboltTM

A CORE LABORATORIES COMPANY

Sample submitted as: Gas Oil EN 590
Received from: Motormiljö i Sverige on 2006-10-26 **FAST TO THE POINT.**
Marked: MK1 med tillsats av 26,7 mg EuroAd per liter

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Location:
Date of sampling:
Sealed: No
Analysis performed: 2006-11-01

Analysis	Unit	Method	Result	Precision
Density at 15°C	kg/m ³	* SS-EN-ISO 12185-96	818.8	0,35
Aromatics total	%vol	SS 155116-97	5.3	
Polyaromatics tri and higher			0.9	
Ash	%mass	* SS-EN-ISO 6245-94	<0.01	0,006
Cetane index		EN-ISO 4264	52.1	
Cetane Number (A)		SS-EN-ISO 5165-98	52.5	
Cloud Point	°C	* SS-EN-ISO 23015-94	-26	
CFPP	°C	* EN 116-97	-33	
Copper corrosion 3h at 50°C		* EN-ISO 2160-87	1a	
Distillation		* EN-ISO 3405-00		
Initial boiling point (IBP)	°C		180.3	
10% Recovered at	°C		202.3	
50% Recovered at	°C		238.2	
90% Recovered at	°C		284.5	
95% Recovered at	°C		305.5	
Flash point (proc. A)	°C	* EN-ISO 2719-02	68	3,00
Lubricating property at 60°C		EN-ISO 12156-00		
Wear scar diam. WS1.4 corr.	µm		116	
Carbon Residue on 10% residue	%mass	EN-ISO 10370-96	<0.10	0,041

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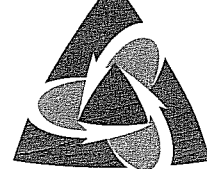
* Accredited Analysis. Precision expressed as expanded uncertainty with covering factor of k=2. This report is valid for this sample only.



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Analysis performed: 2006-11-01

Analysis	Unit	Method	Result	Precision
Oxidation Stability	g/m ³	SS-EN-ISO 12205-96	<1	2,4
Particulate matter	mg/kg	EN 12662/98	3	1,7
Sulphur content	mg/kg	ASTM D5453-93	1	
Water Karl Fischer	mg/kg	* ASTM D4928-89m	50	13,5
Viscosity at 40°C	mm ² /s	EN-ISO 3104	1.966	
Fatty Acid Methylster (FAME)	%vol	SS-EN 14078:2004	4.3	

Comments

(A) Analysis performed at Saybolt, Copenhagen

Denna produkt uppfyller kraven som finns i SS 155435, den svenska specifikationen för MK 1-diesel, med undantag för värdena för aromathalt och polyaromathalt. Dessa värden kan ej bestämmas på MK-1, vilken innehåller c:a 5 % FAME (RME). Se not 4 i SS 155435:

"..Analysmetoden kan inte skilja på tri-aromater och tyngre aromater samt FAME-komponenter vilket innebär att det i praktiken inte är möjligt att kontrollera denna specifikation annat än i dieselbränslet utan FAME."

Saybolt Sweden AB

Jan Alsin

Laboratory Manager

Print date 2006-11-02 09:37

Precision parameters apply in the determination of the test results specified above. Please also refer to ISO 4259 IP 367 and appendix E of IP standard methods for analysis & testing with respect to the utilization of test data to determine conformance with the relevant ISO ASTM or IP specifications.

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