

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



FAST TO THE POINT.

## Fuelrepport, Euro Ad

Jan Alsin, Saybolt Sweden Inc, responsible for fuelapproval in Sweden.

We have analysed the fuel to see if it is fulfil the demands of The Swedish law and Standard (SS155435) and EN590.

In this case we have analysed the fuel with and without the additive EuroAd and found that the fuel fulfil the demands both of the Swedish law and Standard (SS155435) as well as EN590, in both case, with or without FAME (rapeseed oil) in the diesel

Note: In Sweden we have a diesel called MK1 (50ppm)".

Kind regards

Jan Alsin

Saybolt

1352 ISO/IEC 17025

a division of Core Laboratories Sales N.V.

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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.

Smörjoljegatan 3, SE-418 34 Göteborg, Sweden



1352 ISO/IEC 17025

Received from:

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

Gas Oil EN 590

EPS on 2006-10-26

MK1 with 26,7 mg EuroAd per liter

**Saubolt**A CORE LABORATORIES COMPANY

FAST TO THE POINT.

Location:

Marked:

Date of sampling:

Sealed:

No

Analysis performed:

Sample submitted as:

2006-11-01

Analysis	Unit	Method	Result	Precision
Density at 15°C	kg/m³	* 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	$^{\circ}\mathrm{C}$	* 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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1352 ISO/IEC 17025 No. 116 - 02572/06, sample ref: 2006-02980-1

Gas Oil EN 590

Received from: EPS on 2006-10-26

Marked: MK1 with 26,7 mg EuroAd per liter

Saybolt

A CORE LABORATORIES COMPANY

FAST TO THE POINT.

Location:

Date of sampling:

Sealed:

No

Analysis performed:

Sample submitted as:

2006-11-01

Analysis	Unit	Method	Result	Precision
Oxidation Stability	g/m³	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	mm²/s	EN-ISO 3104	1.966	
Fatty Acid Methylester (FAME)	%vol	SS-EN 14078:2004	4.3	

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Laboratory Manager

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No. 116 - 02572/06, sample ref: 2006-03156-2



Sample submitted as:

MK1

Received from:

Saybolt Inspector on 2006-10-23

Marked:

MK1 without additiv.

FAST TO THE POINT.

Location:

Date of sampling:

Sealed:

No

Analysis performed:

2006-11-13

Analysis	Unit	Method	Result	Precision
Aromatics total	%vol	SS 155116-97	3.7	
Polyaromatics tri and higher			<0.02	

Saybolt Sweden AB

Jan Alsin

Laboratory Manager

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No. 116 - 02572/06, sample ref: 2006-03156-1

Sample submitted as: . MK1

Received from: Saybolt Inspector on 2006-10-23
Marked: MK1 with 26,7 mg EuroAd per liter



FAST TO THE POINT.

Location:

Date of sampling:

Sealed: No

Analysis performed: 2006-11-10

Analysis	Unit	Method	Result	Precision
Aromatics total	%vol	SS 155116-97	3.7	
Polyaromatics tri and higher			<0.02	

Saybolt Sweden AB

Ul**f**<sup>∀</sup>Östan

Quality Manager

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Smörjoljegatan 3, SE-418 34 Göteborg, Sweden