UDDEVALLA KRAFT AB STROMBERGET 45181, UDDEVALLA Sweden

217744001

Attention of

Mr. M. Stake

**Analysis Report** 

Report number : 11601/00037559.3/L/15

302

Main Object Report Date : 2015-11-13 Date of issue 2015-11-13 Sample object : 302

Sample type Sample submitted as

Marked

: Sampled : Mixed Fatty Acid : Shore tank 302 running

A CORE LABORATORIES COMPANY

NAME	METHOD	UNIT	RESULT
Ash Content at 925°C	ASTM D 482m	mass %	0.035
Pour point (upper) Q	ASTM D 97	°C	9
Kinematic Viscosity at 40°C Q	ASTM D 7042	mm²/s	15.60
Total Nitrogen by Kjeldahl Q	ASTM D 3228	mg/kg	200
Heat of Combustion	ASTM D 240		
Gross Heat of Combustion		MJ/kg	37.64
Net Heat of Combustion		MJ/kg	35.03
Elemental analysis	ASTM D 5291		
Hydrogen		mass %	12.3
pH on water extr. at 25°C		рН	2.5
Viscosity at 50°C Q	ASTM D 7042	mm²/s	11.38
Viscosity at 65°C Q	ASTM D 7042	mm²/s	7.499
Density at 50 °C Q	EN ISO 12185	kg/m³	879.1
Water and sediment	ISO 3734	vol %	0.15
Sulphur (S) Q	EN ISO 8754	mass %	0.035
Additive and Wear metals	ASTM D 5185		
Nickel (Ni)		mg/kg	<1
Acid Number	ASTM D 664		
Total Acid Number		mg KOH/g	60.2

Date of sampling

Place of sampling

Date received

Date completed

Sample number

: 2015-10-27

: 2015-10-28

; 2015-11-13

: 2957669

: Brattåsverket

Lab comments:

Q Accredited Analysis. Analysis marked with "Q" are part of the scope of the ISO 17025 accreditation number 1352 of SWEDAC.

Signed by: Stefan Andersson - Laboratory Operations Issued by: Saybolt Sweden Göteborg - 2015-11-13

Uncertainties apply in the evaluation of the test results. Where available and for convenience purposes, the tested sample has been checked for compliance with supplied specifications, without accepting any liability. In case of dispute or uncertainty, we refer to the interpretation of test results as defined in ASTM D3244, IP 367 or ISO 4259. Print Date: 2015-11-13 16:08

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