

Xmile Europe B.V.
Lichtenhorststraat 17
6942 GS Didam
Netherlands

Office/Laboratory
Leerlooierstraat 135
3194 AB Hoogvliet Rt
Tel. 010-490 27 02

Postal address
P.O.Box 575
3190 AM Hoogvliet Rt
Fax 010-472 32 25
Telex 62090

Laboratory Report No. 16-015865-0-RDAM(5)

Our Ref.: I29438

Date: 24-OCT-2016

Sample ID	16-015865-0-RDAM-001-00
Description	Submitted sample: Tankstation iFuel Aleven, Nobelstraat 5, 6902 PH Zevenaar 18-OCT-2016
Product	XMILE Diesel
Seals	None
Packing	Plastic (> 250 ml)

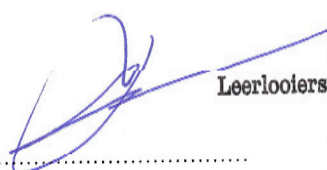
Test	Method	Unit	Specification	Result
Flashpoint	ISO 2719	oC	Above 55	66.0
Conradson Carbon Residue on 10% v.	ISO 10370	% m	max. 0.30	<0.10
Water	ISO 12937	mg/kg	max. 200	60
Ash	ISO 6245	% m	max. 0.01	<0.01
Contamination	EN 12662	mg/kg	max. 24	<12
Copper Corrosion 3 hrs.at 50 oC	ISO 2160		class 1	1A
Oxidation Stability	EN 12205	g/m3	max. 25	<1
Lubricity	ISO12156-1	micrometer	max. 460	356
Sulphur	ISO 20846	mg/kg	max. 10	7.8
Cloudpoint	ASTM D5771	oC		-2.3
Cold Filter Plugging Point	EN 116	oC	max. -5	-15
Density at 15 oC	ISO 12185	kg/m3	820-845	835.6
Viscosity at 40 oC	ISO 3104	mm2/s	2.00 - 4.50	3.107
Cetane Number (DCN)	EN 15195		min. 51.0	53.6
Cetane Index	ISO 4264		min 46.0	56.3
Distillation	ISO 3405			
Rec. at 250 oC		% v	max. 65.0	24.2
Rec. at 350 oC		% v	min. 85.0	94.1
95 % v/v rec. at		oC		353.9
Polycyclic Aromatics Hydrocarbons	EN 12916	% m	max. 8	2.1
F.A.M.E	EN 14078	% v	max. 7.0	5.67
Manganese	EN 16576	mg/l	max. 2.0	<0.5

Test	Method	Unit	Specification	Result
Conductivity Measuring Temperature Conductivity	ASTM D2624	oC pS/m	min. 150	23.0 351

Product meets EN 590 Class C

Sample Analysed : 24-OCT-2016

XMILE DIESEL
Meets
EUROPEAN STANDARD: EN 590


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R. Hazeleger
Laboratory Supervisor

Intertek Nederland B.V.
Leerlooierstraat 135 - 3194 AB Hoogvliet (Rt)
The Netherlands
Tel. +31 (0)10 490 2702
VAT# NL002630758E01
www.intertek.com