
Formula Renault 2.0 Northern European Cup
DMSB Genehmigungs-Nummer: 505/14

Bulletin N° 02, 2014

Teil 2 Technisches Reglement

1.12 Kraftstoff

Bei folgenden Veranstaltungen

Monza (11.-13.04.2014)

Silverstone (23.-25.05.2014)

Spa Francorchamps (24.-26.06.2014) und

Nürburgring (19.-21.09.2014)

ist der Kraftstoff (98OK/ siehe Anlage) bei der Firma TOTAL im Fahrerlager zu beziehen. Nur der in der Anlage beschriebene Kraftstoff ist bei Testfahrten, Qualifying und Rennen erlaubt!

Part 2 Technical reglement

1,12 Fuel

For the events in

Monza (11.-13.04.2014)

Silverstone (23.-25.05.2014)

Spa Francorchamps (24.-26.06.2014) and

Nürburgring (19.-21.09.2014)

the fuel (98OK / attached) is to obtain at the company TOTAL in the paddock. Only the fuel described in the attachment is allowed during testing, qualifying and the races!

All official changes, being sporting, technical or technical rules or in attachments, will be posted on www.necup.com throughout the 2014 season.

Best regards

Ralph Weishaupt
Renault Deutschland AG

Freigabe durch den DMSB
Approved by the ASN




Kai Zimmermann

Frankfurt, den 10.03.2014

**TOTAL****TOTAL ADDITIFS ET CARBURANTS SPECIAUX**Place du Bassin - 69700 Givors - France
Tél: +33 4 72 49 84 10 - Fax: +33 4 72 49 84 20

SPECIFICATIONS DATASHEET				
APPELATION : ESSENCE SP 98 EN228				Revision : 7
				Date of the revision : 09/01/14
PROPERTY	MINI	MAXI	UNITS	METHODS
PHYSICAL DATA				
Density 15 °C	720,0	775,0	kg/m3	NF EN ISO 12185
Reid Vapour Pressure (Summer quality)	450	600	mbar	EN 13016-01
Reid Vapour Pressure (Winter quality)	600	900	mbar	EN 13016-01
Vapour Lock Index		1150	index	
DISTILLATION				
FBP		210	°C	EN-ISO 3405
Residue		2,0	%v/v	EN-ISO 3405
E 70 °C	20,0	48,0	%v/v	EN-ISO 3405
E 100 °C	46,0	71,0	%v/v	EN-ISO 3405
E 150 °C	75,0		%v/v	EN-ISO 3405
COMPOSITION				
Ethanol content		5,00	%v/v	EN 1601
Methanol content		3,00	%v/v	EN 1601
Olefins		18,0	%v/v	EN ISO 22854
Aromatics		35,0	%v/v	EN ISO 22854
Benzene		1,0	%v/v	EN 238
OCTANE NUMBER				
RON	98,0		index	ISO 5164 = JIS K2280 = ASTM D 2699
MON	87,0		index	ISO 5163 = JIS K2280 = ASTM D2700
COMPLEMENTARY DATA				
Sulfur content		10,0	mg/kg	EN ISO 20846 / EN ISO 20847 / EN ISO 20884
Oxidation Stability	360		minutes	ISO 7536
Copper Strip Corrosion at 50 °C		1	merit	ISO 2160 = ASTM D130
Existent Gum		5	mg/100ml	ISO 6246
Lead content		5	mg/l	EN 237-96
Appearance	Clair et limpide		couleur	
Manganese Content		2,0	mg/l	EN NF 16135
OXYGENATES				
Iso-propyl Alcohol content	Report		%v/v	EN 1601:1997
Iso-butyl Alcohol content	Report		%v/v	EN 1601:1997
ter-butyl Alcohol content	Report		%v/v	EN 1601:1997
C5+ Ether Content	Report		%v/v	EN 1601:1997
Others oxygenates components content	Report		%v/v	EN 1601:1997
Oxygen content		2,7	%m/m	EN 1601:1997
Notes :Selon la NF EN 228 JANVIER 2014				
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The interpretation of results meets NF EN ISO 4259 Norm				
HSDS :				