



Fuel Analysis – Rotax Pro Tour

South Australian Round, 15 – 17 July 2016

22 July 2016

Good Morning Ian,

I am pleased to advise that the National Technical Commissioner has reviewed the laboratory analysis of the 20 fuel samples that were taken at last weekend's Rotax Pro Tour event and has discussed them with the technician who conducted the analysis.

All samples passed scrutiny.

I would appreciate it if you could pass this information along to all the competitors in the event along with the following cutting which shows the analysis results of the Control sample that was taken at the event and that highlights the depth of the analysis undertaken.

Date: 19/07/2016	Job Number:	17022	Sample ID:	Control
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Comments
BP Ultimate 98 Control fuel sample

Test Properties
RON: 97.2 MON: 86.4 AKI: 91.8 Density: 0.7422 Ethanol: 0 Sample Temp: 28

Oxygenates	Volume %	Mass %
MTBE	0	0
ETBE	0	0
TAME	0	0
DIPE	0	0
Dimethoxymethane	0	0
Methanol	0	0
Ethanol	0	0
Iso-Propanol		
2-Butanol	0	0
Tert Butanol	0	0
Dimethylcarbonate	0	0
Methylacetate		
Isobutylacetate		
Sec-Butylacetate		
Driveability Index	0	
Sum Parameters	Volume %	Mass %
Aromatics	30.0	42.7
Olefins	12.2	11.9
Di-Olefins	0	0
Oxygenates	0	0
Anilines	0	0
Esters	0	0
Saturates	51.2	45.5
Oxygen	0	0

Aromatics	Volume %	Mass %
Benzene	1.04	1.22
Toluene	15.7	18.3
m-Xylene	6.18	7.16
o-Xylene	4.62	5.43
p-Xylene	2.99	3.58
Ethylbenzene	3.32	3.80
Propylbenzene	0	0
2, Ethyltoluene	0	0
3, Ethyltoluene	0	0
4, Ethyltoluene	0	0
Pseudocumene	2	2.35
Mesitylene	0.52	0.6
Iso-Durene		
Durene	0	0
Napthalene	0.21	0.28
Hemellitrol	0.7	0.83
Anilines	Volume %	Mass %
Aniline	0	0
N-Methylaniline	0	0
o-Methoxyaniline		
o-Toluidine		
m-Toluidine		
p-Toluidine		
N-Dimethylaniline	0	0

Octane Boosters	Value	Unit
MMT	0	mg/l
CMT	0	mg/l
Nitromethane	0	
Manganese	0	
Octane Boosters	Volume %	Mass %
DCPD (Dicyclopentadiene)	0	0
Distillation Fractions	Temp °C	
IBP	28	
T10	46	
T50	99.7	
T90	148.1	
FBP	185.5	

Regards

Kelvin O'Reilly