

February 16, 2016

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As per some Xbee users' request, it has been decided to compare a standard gasoline in compliance with the norm EN 228 to the same gasoline treated with Xbee enzyme biotechnology at a ratio of 4000:1.

Certification



www.afaq.org

ISO 9001:2000



www.iso.org

Accreditation



(Program 73 and 74)
NF EN ISO/CEI 17025

Tests	Methods	Results		Units	Limits
		Without Xbee	With Xbee +15 days		
Appearance	Visual	C & L	C & L	N/A	C & L
Density at 15°C	NF EN ISO 12185	750.7	750.7	Kg/m ³	720-775
Gums content	NF EN ISO 6246	< 1	< 1	mg/100ml	5 max
Copper corrosion	NF EN ISO 2160	1a	1a	N/A	1 max
Sulfur	NF EN ISO 20846	6.9	6.9	mg/kg	50 max
Oxydation stability	NF EN ISO 7536	> 360	> 360	min	360 mini
Research octane number	NF EN ISO 5164	98.9	98.9	N/A	95 mini
Volatility index	Calculated	757	757	N/A	Report
Vapor pressure	NF EN 13016-1	57.3	57.3	KPa	60.0-90.0
Distillation (initial point)	NF EN ISO 3405	32.4	32.4	-	-
Evaporation at 70°C	NF EN ISO 3405	26.3	26.3	% (V/V)	22.0-50.0
Evaporation at 100°C	NF EN ISO 3405	59.5	59.5	% (V/V)	46.0-71.0
Evaporation at 150°C	NF EN ISO 3405	94.1	94.1	% (V/V)	75.0 mini
Final boiling point	NF EN ISO 3405	181.9	181.9	°C	210 max
Residue	NF EN ISO 3405	0.6	0.6	% (V/V)	2 max
Lead content	NF EN 237	< 2.5	< 2.5	mg:/L	5 max
Benzene content	NF EN ISO 22854	0.60	0.60	% (V/V)	1 max
Aromatics	NF EN ISO 22854	31.4	31.8	% (V/V)	35 max
Olefins	NF EN ISO 22854	10.8	10.4	% (V/V)	18. max
Organic oxygenates	NF EN ISO 22854	16.55	16.81	-	-
Methanol	NF EN ISO 22854	< 0.01	< 0.01	% (V/V)	3 max
Ethanol	NF EN ISO 22854	0.36	0.38	% (V/V)	5 max
IPA	NF EN ISO 22854	0.13	0.13	% (V/V)	-
IBA	NF EN ISO 22854	< 0.01	< 0.01	% (V/V)	-
TBA	NF EN ISO 22854	< 0.01	< 0.01	% (V/V)	-
Ethers C5+	NF EN ISO 22854	16.06	16.30	% (V/V)	-
Other organic oxygenates	NF EN ISO 22854	< 0.01	< 0.01	% (V/V)	-
Oxygen content	NF EN ISO 22854	2.68	2.72	% (m/m)	2.7 max

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