

Specification of Eco-Par[®] A

General: Eco-Par A fulfils the EN590 standard. Eco-Par A also fulfils the ASTM D975-01 standard (grade low sulphur 2-D).

Parameter	Unit	Requirement	Test method
Flash point	°C	Min. 70	ASTM D93 or EN 22719
Water and sediment	% vol.	Max. 0.05	ASTM D2709
Total contamination	ppm wt./wt.	Max. 24	EN 12662
Distillation, 90% recovered	°C	Max. 338	ASTM D86
Distillation, 95% recovered	°C	Max. 360	ASTM D86 or prEN ISO 3405:1998
Kinematic viscosity @40°C	cSt	2.60 to 4.00	ASTM D445 or EN ISO 3104
Ash content	vol.-%	Max. 0.01	ASTM D482 or EN ISO 6245
Sulphur content	ppm w/w	Max. 4	ASTM D 5453
Copper Corrosion 3h @50°C	-	Class 1	ASTM D130 or EN ISO 2160
Cetane index	-	Min. 50	ASTM D976 or EN ISO 4264
Cetane number		Min. 51	ASTM D613 or EN ISO 5165:1998
Cold Filter Plugging Point	°C	Max. -32	IP309 or EN116
Cloud point	°C	Max. -22	ASTM D2500 or EN 23015
Rams carbon residue	wt.-%	Max. 0.15	ASTM D524 or EN ISO 10370
Aromatics content	% vol./vol.	Max. 0,5	IP 391
Polyaromatics content	ppm w/vol.	Max. 10	EPA 1654A
Density @15°C	kg/litre	0.80	ASTM D4052
Typical gross heat of combustion	MJ/kg	46,0	ASTM D 240
Typical net heat of combustion	MJ/kg	43,0	ASTM D 240
Net volumetric heat of combustion	MJ/litre	Min. 33,0	ASTM D 240 and ASTM D4052
Water content	ppm wt./wt.	Max. 200	ASTM D1744 or EN ISO 3405:1998
Oxidation stability	g/m ³	Max. 25	ASTM D2274 or EN ISO 12205
Lubricity	µm, HFRR	Max. 400	ISO 12156-1

Note 1 A minimum limit for the net volumetric heat of combustion has been introduced. This limit ensures that the energy content per litre is similar to that of other products fulfilling the EN590 standard.

EcoPar AB

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