

Technical Specification of Eco-Par[®] Bio

Parameter	Unit	Requirement	Test method
Flash point	°C	Min. 61	ASTM D93 or EN 22719
Water and sediment	% vol.	Max. 0.05	ASTM D2709
Total contamination	ppm wt./wt.	Max. 10	EN 12662
Distillation, 95% recovered	°C	Max. 320	ASTM D86 or prEN ISO 3405:1998
Kinematic viscosity @40°C	cSt	2.0 to 4.0	EN ISO 3104
Ash content	vol.-%	Max. 0.001	EN ISO 6245
Sulphur content	ppm w/w	Max. 5	EN ISO 20846
Copper Corrosion 3h @50 °C	-	Class 1	ASTM D130 or EN ISO 2160
Cetane number		Min. 70	EN 15195
Cold Filter Plugging Point	°C	Max. -34	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. 1.0	EN 12916
Polyaromatics content	ppm w/vol.	Max. 0.10	EN 12916
Density @15°C	kg/litre	Ca 0,78	ASTM D4052
Water content	ppm wt./wt.	Max. 200	EN ISO12937
Oxidation stability	g/m ³	Max. 25	ASTM D2274 or EN ISO 12205
Lubricity	µm, HFRR	Max. 400	ISO 12156-1