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CERTIFICATE OF ANALYSIS
Diesel Exhaust Fluid per ISO 22241

Characteristics	Unit	Test Methods	Limits		Acceptance Range ²		Results
			min.	max.	min.	max.	
Urea content	% (m/m)	ISO 22241-2 Annex C	31.8	33.2	31.6	33.4	32.5
Refractive index at 20°C	---	ISO 22241-2 Annex C	1.3814	1.3843	1.3811	1.3846	1.3836
Alkalinity as NH ₃	%m/m	ISO 22241-2 Annex D	---	0.2	---	0.32	0.01
Biuret	%m/m	ISO 22241-2 Annex E	---	0.3	---	0.34	0.22
Aldehydes	mg/kg	ISO 22241-2 Annex F	---	5.0	---	5.5	0.1
Insoluble matter	mg/kg	ISO 22241-2 Annex G	---	20	---	28.2	4.2
Phosphate (PO ₄)	mg/kg	ISO 22241-2 Annex I	---	0.5	---	0.54	0.01
Aluminum	mg/kg	ISO 22241-2 Annex I	---	0.5	---	0.56	0.00
Calcium	mg/kg	ISO 22241-2 Annex I	---	0.5	---	0.54	0.00
Chromium	mg/kg	ISO 22241-2 Annex I	---	0.2	---	0.23	0.02
Copper	mg/kg	ISO 22241-2 Annex I	---	0.2	---	0.22	0.00
Iron	mg/kg	ISO 22241-2 Annex I	---	0.5	---	0.54	0.00
Potassium	mg/kg	ISO 22241-2 Annex I	---	0.5	---	0.65	0.00
Magnesium	mg/kg	ISO 22241-2 Annex I	---	0.5	---	0.52	0.00
Sodium	mg/kg	ISO 22241-2 Annex I	---	0.5	---	0.53	0.00
Nickel	mg/kg	ISO 22241-2 Annex I	---	0.2	---	0.24	0.03
Zinc	mg/kg	ISO 22241-2 Annex I	---	0.2	---	0.23	0.00
Identity		ISO 22241-2 Annex J	Informative		Informative		Identical to Reference
Notations:							