

The following specification is the latest revision (as at 03 May 2021) and supersedes all previous specifications for this product code.

Specification Details			
Product Code	MOETGL5800	CAS Number	107-21-1
Product	Monoethylene Glycol		
Pack Size	225 kg net Drums		
Customer Name	Industrial Lubricants & Services Limited		
Revision	5 (on 8/04/2021)		
Authorised By	Damien Barrett Quality Assurance Manager	Notes	Amended Transmittance 275nm

Specifications				
Description	Unit	Typical	Guaranteed	Method
Appearance: clear, colourless			Conforms	Observation
Specific gravity @20/20 deg C			1.1151 - 1.1156	ASTM E-202 No.5
MEG Content	wt %		Min 99.9	EO-498C
DEG Content	wt %		Max 0.05	EO-498C
Water	wt %		Max 0.05	ASTM E-202 No.14
Distillation Range (760 mmHg), 5 vol %	deg C		Min 196.5	ASTM D-1078
Distillation Range (760 mmHg), 95 vol %	deg C		Max 198.5	ASTM D-1078
Colour, Pt-Co	APHA		Max 5	ASTM E-202 No.26
Acidity as acetic acid	wt ppm		Max 10	ASTM E-202 No.11
Iron	wt ppm		Max 0.05	ASTM E-202 No.17
Aldehydes as formaldehyde	wt ppm		Max 5	ASTM E-2313
Chlorides as Cl	wt ppm		Max 0.1	EO-635
Ash	wt ppm		Max 10	DC-254A
pH, 50% volume in distilled water			7.0 - 8.0	ASTM D1287
UV Transmittance @ 220 nm	%		Min 80.0	ASTM E-2193 (Option A)
UV Transmittance @ 275 nm	%		Min 92.0	ASTM E-2193 (Option A)
UV Transmittance @ 350 nm	%		Min 98.0	ASTM E-2193 (Option A)

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