

PRODUCT SPECIFICATION

Eromanga Underground Mining Fuel™

TEST	UNIT	TYPICAL	LIMIT	METHOD
Ash	%wt	<0.01	0.01 (max)	ASTM D482
Carbon Residue (10% Distillation Residue)	%wt	<0.1	0.2 (max)	ASTM D4530
Cetane Index		68	65 (min)	ASTM D4737
Cloud Point*	°C		See Table 1	ASTM D2500
Density @ 15°C*	kg/L	0.800	0.795 (min)	ASTM D1298
Distillation – T95	°C	330	335 (max)	ASTM D86
Colour		<0.5	0.5 (max)	ASTM D1500
Flashpoint*	°C	70	67 (min)	ASTM D93
Oxidation Stability	mg/L	<1	25 (max)	ASTM D2274
Sulphur	%wt	0.0095	0.012 (max)	ASTM D5453
Copper Corrosion (3 hrs @ 50°C)		1A		ASTM D130
Polyaromatic Hydrocarbons	%wt	2	7 (max)	IP 391
Kinematic Viscosity (@ 40°C)	mm ² /s	2.4	2.0 – 4.5	ASTM D445
Electrical Conductivity	pS/m	>70	70 (min)	ASTM D2624
Lubricity by HFRR	mm	<0.45	0.45 (max)	IP 450
Filter Blocking Tendency	Index	1.0		IP 387
Water & Sediment	%vol	<0.01		ASTM D2709

Properties marked with (*) will be tested and verified with the Certificate of Analysis.

Dangerous Goods Details

UN Number	Not applicable
Dangerous Good Class	Not applicable
Subsidiary Risk	Not applicable
Packing Group	Not applicable
Hazchem Code	Not applicable

Table: 1 Maximum Limits for Cloud Point (ASTM D2500, °C)

Supply Location	January	February	March	April	May	June
QS	11	7	3	0	-1	-1
QC	15	12	7	4	2	2
NSW	9	5	2	0	-1	-1
QCN	15	15	11	7	6	6
Supply Location	July	August	September	October	November	December
QS	-1	0	2	7	9	13
QC	2	4	7	12	15	15
NSW	-1	0	2	5	7	9
QCN	6	8	11	15	15	15

QS: Queensland South – Brisbane, Bundaberg
Includes Eromanga, Quilpie, Charleville, Roma, Oakey Creek, Oakey North, Newlands, Crinum

QC: Queensland Central – Mackay, Gladstone
Includes – Windorah, Jundah, Blackall and Longreach

NSW: New South Wales – Sydney, Newcastle

QCN: Queensland Central North – Townsville
Includes Hughenden and Charter Towers