

APPENDIX C

CRUDE OIL ANALYSIS

AMPOL REFINERIES LTD



M0970080

AMPOL REFINERIES LIMITED

REFINERY LABORATORY

ANALYTICAL REPORT NO 129

ISSUED ON: 6.10.67

REPORT BY: B. T. RILEY

TO: General Manager
cc Tech Services Supt
Process Eng Audit
Planning
Circ File 206.1

CHECKED & APPROVED: KG

SUBJECT: Analysis of Mereenie Crude for Nelson Evaluation

ANALYSIS:

Total Crude:

API Gravity	47.1
Total Sulphur	0.045
Kin Viscosity 100°F	2.6 cs = 34.8 SSU
Yield to C5	2.6% Vol
	C2 0.1% Vol
	C3 0.6% Vol
	IC4 0.3% Vol
	NC4 1.6% Vol

ASTM Distillation

	IBP	126°F
	5%	173°F
	10%	217°F
	20%	297°F
	30%	370°F
	40%	446°F
	50%	506°F
	60%	554°F
	70%	607°F
EP	71.5%	375°F
	31% at	375°F
	34% at	400°F
	41% at	450°F
	68.5% at	600°F
Vacuum Distillation	99% at	1000°F
Yield to Ashphaltene	100%	



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Fractional Distillation:

Gasoline	(C5 to 375°F)	580 mls	29.0%
Kerosene (1)	(375 to 400°F)	92 mls	4.6%
Kerosene (2)	(400 to 450°F)	112 mls	5.6%
Diesel	(450 to 600°F)	560 mls	28.0%
		650 mls	32.5%
		1994	99.7%

C5 to 375°F

Research Octane No 26

375 to 450°F

Aromatics 7.0% Vol
Total Sulphur 0.029% wt

450 - 600°F

Diesel Index 76.0
Total Sulphur 0.04% wt
Pour Point 0°F
API Gravity 43.4

600 - 1000°F

API Gravity 33.1

The TBP % Yields were calculated by the Assistant Process Engineer Audit and Planning and the Nelson Index computed.

signed by B T Riley



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