

Product: CCCCCCCCBatch No.: CCCCCCCCProduct No.: CCCCCCCCTMC No.: CCCCCCCCTMO No.: CCCCCCCCTank No.: CCCCCCCCAnalysis Date: YYYYMMDDShipment Date: YYYYMMDD

TEST	METHOD	UNITS	SPECIFICATIONS			RESULTS °C	RESULTS °F
			MIN	TARGET	MAX		
Distillation - IBF	D-86	(°C) °F	(177) 350		(199) 390		S1234
10%		(°C) °F	(210) 410		(232) 450		S1234
50%		(°C) °F	(249) 480		(277) 530		S1234
90%		(°C) °F	(299) 570		(327) 620		S1234
Distillation - EP		(°C) °F	(327) 620		(360) 680		S1234
Recovery		vol%		REPORT			S123.1
Residue		vol%		REPORT			S123.1
Loss		vol%		REPORT			S123.1
Gravity	D-4052	°API	32.0				S12.1
Pour Point	D-97	(°C) °F			36.0		S123
Cloud Point	D-2500	(°C) °F			(-17) 0		S12
Flash Point	D-93	(°C) °F	(54) 130	REPORT	(-12) 10		S12
Viscosity @ 40°C	D-445	cSt	2		3.2		S1.1
Mercaptan Sulfur	D-3227	wt %			0.050		S1.1234
Sulfur	D-2622	wt %	0.030				S1.123
Composition, Aromatics	D-1319	vol%	28.0				S123.1
Composition, Olefins	D-1319	vol%		REPORT	35.0		S123.1
Composition, Saturates	D-1319	vol%		REPORT			S123.1
Basic sediment & water	D-2709	vol%			0.05		XXXXX
Ramsbottom Carbon, 10 % residue	D-524	wt %			0.35		S1.12
Ash content	D-482	wt %			0.01		S1.123
Total Acid Number	D-664	mg		REPORT			S1.12
Strong Acid Number	D-664	KOH/g		REPORT			S12.1
Accelerated Stability	D-2274	mg		REPORT			S12.1
Copper Corrosion	D-130	KOH/g					CC
Cetane Number	D-613	mg/100			3		
		ml	42.0		48.0		S12.1
Aliphatic paraffins	D-2425	wt %		REPORT			S12.12
Monocycloparaffins	D-2425	wt %		REPORT			S12.12
Dicycloparaffins	D-2425	wt %		REPORT			S12.12
Tricycloparaffins	D-2425	wt %		REPORT			S12.12
Alkylbenzenes	D-2425	wt %		REPORT			S12.12
Indanes/Tetralins	D-2425	wt %		REPORT			S12.12
Indenes	D-2425	wt %		REPORT			S12.12
Naphthalene	D-2425	wt %		REPORT			S12.12
Naphthalenes	D-2425	wt %		REPORT			S12.12
Acenaphthenes	D-2425	wt %		REPORT			S12.12
Acenaphthylenes	D-2425	wt %		REPORT			S12.12
Tricyclic aromatics	D-2425	wt %		REPORT			S12.12

Approved by: CCCCCCCCAnalyst CCC