

Product: PRODUCT
 Product No.: PRODNUM

Batch No.: FUELBTID
 TMC No.: TMCNO
 TMO No.: TMONO
 Tank No.: TANK
 Analysis Date: DTANAL
 Shipment Date: DTSHIP

TEST	METHOD	SPECIFICATION				RESULTS	
		UNITS	MIN	TARGET	MAX		
Distillation - IBP	ASTM D86	°F		REPORT		DISTRIBP	
10%		°F		REPORT		DISTR010	
50%		°F	500			530	DISTR050
90%		°F	590			620	DISTR090
Distillation - EP		°F	650			690	DISTREP
Gravity	ASTM D4052	°API	33.0			GRAVITY	
Density	ASTM D4052	kg/m3		REPORT		DENSITY	
Pour point	ASTM D97	°F			35.0	FUELPUR	
Cloud point	ASTM D2500	°F		REPORT	20	CLOUD	
Flash point	ASTM D93	°F	140		4.0	FLASH	
Viscosity,40°C	ASTM D445	cSt	2.0		0.42	VISC40F	
Natural Sulfur	ASTM D4294	wt %	0.38			SUWT4294	
Natural Sulfur	ASTM D2622	wt %		REPORT		SUWT2622	
Composition, Aromatics	ASTM D1319	vol %		REPORT		HCCAROM	
Composition, Olefins	ASTM D1319	vol %		REPORT		HCCOLEF	
Composition, Saturates	ASTM D1319	vol %		REPORT		HCCSATUR	
Cracked Stocks				None		CSTOCKS	
Basic sediment & water	ASTM D1796	vol %			0.1	BASSEDW	
Ramsbottom carbon, 10% residue	ASTM D524	wt %			0.20	RCR10	
Ash content	ASTM D482	wt %			0.01	FUELASH	
Acid Number	ASTM D664	mg KOH/g			0.15	ACID	
Copper Corrosion	ASTM D130				2	CUCORR	
Cetane Number	ASTM D613		47.0		53.0	CETANEN	
Aliphatic paraffins	ASTM D2425	wt %	45.0		65.0	ALLPAR	
Monocycloparaffins	ASTM D2425	wt %		REPORT		MONOPAR	
Dicycloparaffins	ASTM D2425	wt %	0.0		15.0	DICYPAR	
Tricycloparaffins	ASTM D2425	wt %		REPORT		TRICYPAR	
Alkylbenzenes	ASTM D2425	wt %	5.0		10.0	ALBENZ	
Indanes/Tetralins	ASTM D2425	wt %		REPORT		INDTETS	
Indenes	ASTM D2425	wt %		REPORT		INDENE	
Napthalene	ASTM D2425	wt %		REPORT		NAPHLEN	
Napthalenes	ASTM D2425	wt %	5.0		15.0	NAPHLENS	
Acenaphthenes	ASTM D2425	wt %		REPORT		ACENAPHS	
Acenaphthalanes	ASTM D2425	wt %		REPORT		ACENAPHY	
Tricyclic aromatics	ASTM D2425	wt %		REPORT		TRICAROM	

Approved by: APROVBY

Analyst ANAINIT