

## ANNEX A- COMMODITY SPECIFICATIONS

CHARACTERISTICS	UNITS	RESULT	TEST METHOD
Specific Gravity @15.56/15.56 °c	....	0.8568	ASTM D5002
API Gravity	°API	33.6	ASTM D5002
Water content	Vol.%	<0.025	ASTM D4006
Kinematic Viscosity @10 °c	mm <sup>2</sup> /s	19.50	ASTM D445
Kinematic Viscosity @20 °c	mm <sup>2</sup> /s	10.88	
Kinematic Viscosity @40 °c	mm <sup>2</sup> /s	6.319	
Sulfur content (total)	Wt.%	1.46	ASTM D4294
Nitrogen Content (total)	Wt.%	0.13	ASTM D5762
Salt content	PTB	7	ASTM D3230
H2S content	PPM	86	IP 570
Pour Point	°c	-12	ASTM D5853
Mercaptan Content	PPM	60	UOP 163
Reid Vapor Pressure	PSI	8.95	ASTM D323
Water & sediment	Vol.%	<0.05	ASTM D4007
Nickel Content	mg/kg	11	ASTM D5863
Wax content	Wt.%	4.8	BP 237
Copper content	Mg/kg	<1	ASTM D5863
Zinc content	Mg/kg	<1	ASTM D5863
Drop Melting Point of Wax	°c	57	IP 133
Asphaltene Content	Wt.%	1.6	IP 143
Vanadium content	mg/kg	40	ASTM D5863
Iron Content	mg/kg	<1	ASTM D5863
Conradson Carbon Residue	Wt.%	4.50	ASTM D189
Total Acid Number	mg KOH/g	0.12	UOP 565
Sodium Content	mg/kg	8	ASTM D5863
Lead Content	mg/kg	<1	ASTM D5863