

GUARANTEED SPECIFICATION OF ESPO

NO	TEST	UNIT	METHOD	RESULT
	Density at 15 °C	kg/M3	ASTM D 1298	0.851
	Specific Gravity at 60/60 °F	kg/l	ASTM D 5002	0.8512
	API Gravity		ASTM D 1250	34.7
	Kinematic Viscosity at 20 °C	mm2/s	ASTM D 445	16.33
	Total Acid Number	mg KOH/g	ASTM D 664	<0.05
	Pour Point	°C	ASTM D 5853	<Minus 30
	Water by Distillation	mass %	ASTM D 4006	0.35
	Sediment by Extraction	mass %	ASTM D 473	0.01
	Chloride Salt Content	mg/dm3	ASTM T21534-75 (A)	17
	Organic Chlorine Content	mg/kg	ASTM D4929 (B)	1
	Sulphur Content	mass%	ASTM D 4294	0.535
	Hydrogen Sulphide	ppm	UOP 163	<1
	Mercaptan Sulphur	ppm	UOP 163	111
	Ash Content	mass%	ASTM D 482	0.011
	Nickel	ppm	IP 470	4
	Sodium	ppm	IP 470	1
	Iron	ppm	IP 470	19
	Copper	ppm	AAS	<1
	Vanadium	ppm	IP 470	4
	Calcium	ppm	IP 470	2
	Paraffin Wax Content	mass %	UOP 46	3.3
	RVPE	kPa	ASTM D 5191	40.4
	Asphaltenes (HI) Content	mass%	IP 143	0.2
	Distillation at 760 mmHg		GOST 2177-99 (B)	
	IBP	%C		38
	Recovered at 100 °C	% vol		7.5
	Recovered at 120 °C	% vol		10.5
	Recovered at 150 °C	% vol		15
	Recovered at 160 °C	% vol		16.5
	Recovered at 180 °C	% vol		20.5
	Recovered at 200 °C	% vol		24
	Recovered at 220 °C	% vol		27
	Recovered at 240 °C	% vol		30
	Recovered at 260 °C	% vol		34
	Recovered at 280 °C	% vol		38
	Recovered at 300 °C	% vol		42.5