

Standard Specification of Eastern Siberian Pacific Pipeline Oil (ESPO)

SPECIFICATION RUSSIAN CRUDE OIL (ESPO)

No.	Test	Method	Unit	Result
1	Density At 15°C	ASTM D 1298	Kg/L	0.8508
2	API Gravity	-	-	34
3	Kinematic Viscosity at 20°C	ASTM D 445	cst	6.949
4	Sulphur	ASTM D 4294	Mass %	0.535
5	Pour Point	ASTM D 97	°C	<=-36
6	RVPE	ASTM D 5191	kPa	40.4
7	Hydrogen Sulphide	UOP 163	ppm	<1
8	Vanadium	ASTM D 5863	ppm	4
9	Nickel	ASTM D 5863	ppm	4
10	Iron	ASTM D 5863	ppm	19
11	Calcium	ASTM D 5863	ppm	2
12	Sodium	ASTM D 5863	ppm	1
13	Copper	ASTM D 5863	ppm	<1
14	Water	ASTM D 4006	Vol%	0.35
15	Paraffin Wax Content	UOP 46	Mass %	3.3
16	TBP Distillation,	ASTM D 5236	Vol%	Cutting
	Boiling range Of FRAC.@ 760mmHg °C			Range
	LPG			2.2
	C5-65			6.1
	65-100			9.8
	100-150			16.7
	150-200			25.1
	200-250			32.7
	250-300			42.0
	300-350			50.9
	350-370			54.2
	370-475			70.0
	475-515			74.6
	515-525			76.0
	525-553			79.9