

**NIOC. RIPI**  
 CRUDE EVALUATION, SOLVENTS AND SEPARATION TECHNIQUES DEPARTMENT  
**FORUZAN BLEND EXPORT CRUDE OIL**

TABLE : 1

<b>GENERAL DATA</b>				
<b>SPECIFICATION</b>			<b>RESULT</b>	<b>TEST METHOO</b>
<b>SPECIFIC GRAVITY @ 15.56/15.56 °C</b>			0.8754	ASTM D-4052
<b>API</b>			30.1	" D-1298
<b>SULPHUR CONTENT (Total)</b>	<b>Wt%</b>		2.31	" D-2622
<b>** H2S CONTENT</b>	<b>PPM</b>		40	RIPI
<b>NITROGEN CONTENT (Total)</b>	<b>Wt%</b>		0.17	ASTM D-4629
<b>BASE SEDIMENT &amp; WATER</b>	<b>Vol%</b>		TRACE < 0.05	" D-1796
<b>WATER CONTENT</b>	<b>Vol%</b>		TRACE < 0.05	" D-4006
<b>SALT CONTENT</b>	<b>P.T.B</b>		35.0	" D-3230
<b>KINEMATIC VISCOSITY @10 °C</b>	<b>*mm<sup>2</sup>/Sec</b>		26.81	" D-445
" "	<b>@20 °C</b>	<b>*mm<sup>2</sup>/Sec</b>	17.68	" D-445
" "	<b>@40 °C</b>	<b>*mm<sup>2</sup>/Sec</b>	8.570	" D-445
<b>POUR POINT</b>	<b>°C</b>		-17	" D-5853
<b>** R.V.P.</b>	<b>PSI</b>		4.00	" D-323
<b>ASPHALTENES</b>	<b>Wt%</b>		3.6	IP-143
<b>WAX- CONTENT</b>	<b>Wt%</b>		5.4	BP-237
<b>DROP MELTING POINT OF WAX</b>	<b>°C</b>		53	IP-133
<b>CARBON RESIDUE CONRADSON</b>	<b>Wt%</b>		5.55	ASTM D-189
<b>ACIDITY, TOTAL</b>	<b>mgKOH/gr</b>		0.74	UOP-565
<b>NICKEL CONTENT</b>	<b>PPM</b>		14.0	UOP-800
<b>VANADIUM CONTENT</b>	<b>PPM</b>		48.0	UOP-800
<b>IRON CONTENT</b>	<b>PPM</b>		< 2.0	UOP-800
<b>LEAD CONTENT</b>	<b>PPM</b>		< 1.0	UOP-391
<b>SODIUM CONTENT</b>	<b>PPM</b>		45.0	UOP-391

\* Equal to c.St. \*\* Tested on site

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WORKED BY : CRUDE EVALUATION GROUP  
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