

**NATIONAL PIER OIL COMPANY**  
RESEARCH INSTITUTE OF PETROLEUM INDUSTRY  
CRUDE OIL AND PETROLEUM PRODUCTS EVALUATION DEPARTMENT

**CT200 CrudeOil General Data**

TABLE 1: CONDENSATE GENERAL PROPERTIES ANALYSIS

CHARACTERISTICS	UNITS	RESULT	TEST METHOD
Specific Gravity @ 15.56 /15.56 °C	---	<b>0.7360</b>	ASTM D4052
API Gravity	°API	<b>60.8</b>	
Sulfur Content (Total)	wt.%	<b>0.21</b>	ASTM D4294
H2S Content	ppm	<b>&lt;1</b>	UOP 163
Mercaptan Content	wt.%	<b>0.13</b>	UOP 163
Nitrogen Content (Total)	ppm	<b>&lt;10</b>	ASTM D4629
Water Content	vol.%	<b>&lt;0.025</b>	ASTM D4006
Salt Content	P.T.B	<b>&lt;1</b>	ASTM D3230
<b>Hydrocarbon Types:</b>			
Saturates	vol.%	<b>89.0</b>	ASTM D1319
Olefins	vol.%	<b>1.1</b>	
Aromatics	vol.%	<b>9.9</b>	
Kinematic Viscosity @ 0 °C	mm <sup>2</sup> /s	<b>1.012</b>	ASTM D445
Kinematic Viscosity @ 10 °C	mm <sup>2</sup> /s	<b>0.943</b>	
Kinematic Viscosity @ 20 °C	mm <sup>2</sup> /s	<b>0.829</b>	
Cloud Point	°C	<b>-31</b>	ASTM D2500
Pour Point (Upper)	°C	<b>-57</b>	ASTM D97
Reid Vapor Pressure	psi	<b>10.7</b>	ASTM D5191
Wax Content	wt.%	<b>0.50</b>	BP 237
Corrosion Copper Strip (3h/50°C)	---	<b>2a</b>	ASTM D130
Total Acid Number	mg KOH/g	<b>&lt;0.05</b>	ASTM D 664
Aniline Point	°C	<b>62</b>	IP2
Molecular Weight	g/mol	<b>113.8</b>	Osmomat
Saybolt Color	---	<b>20</b>	ASTM D156
Bromine Index	mg Br <sub>2</sub> /100 g	<b>759</b>	IP 130
Lead Content	mg/kg	<b>&lt;1</b>	ASTM D 5863