

Properties of Crude

Sample ID	Chim Sao Blend		
Lab ID	2011-FED-040952		
Client ID	Premier Oil		
Date	26 August 2011		
Test	Method	Result	Unit
Density @15°C	D5002	0.8274	kg/L
Specific Gravity @60/60°F		0.8278	-
API Gravity		39.4	°API
Arsenic	ICPMS	<10	wt ppb
Asphaltenes	IP143	<0.5	%mass
Carbon Residue - Micro	D4530	1.60	%mass
Characterisation Factor	UOP375	12.5	-
Chloride - Organic	UOP779	<2	wt ppm
Flash Point	IP170	<23	°C
Gross Calorific Value	D240	46.145	MJ/kg
Hydrogen Sulphide	UOP163	<1	wt ppm
Kinematic Vis @60°C	D445	4.841	cSt
Kinematic Vis @100°C	D445	2.538	cSt
Mercury Content	UOP938	77.9	wt ppb
Metal - Calcium	ICPES	<3	wt ppm
Metal - Iron	ICPES	<2	wt ppm
Metal - Lead	ICPES	<1	wt ppm
Metal - Nickel	ICPES	3	wt ppm
Metal - Sodium	ICPES	15	wt ppm
Metal - Vanadium	ICPES	<1	wt ppm
Nitrogen - Total	D5762	410	wt ppm
Pour Point	D5853	+42	°C
Reid Vapour Pressure	D323 (mod)	1.30	psi
Salt Content	D3230	30	lb/1000bbl
Sulphur - Total	D4294	0.0315	%mass
Total Acid Number	D664	<0.05	mg KOH/g
Water and Sediment	D4007	0.050	%volume
Wax Content	UOP46	41.9	%mass