



DE-Solv Technical Data Sheet

TYPICAL CERTIFICATE OF ANALYSIS			
Test	Method	Value	Units
Appearance		Dark liquid	
API Gravity @ 60°F	ASTM D1298	19.7	API
Specific Gravity @ 60°F	ASTM D4052	0.9360	
Density @ 15°C	ISO 3675	935.5	kg/m ³
Kinematic Viscosity @ 50°C	ISO 3104	5.889	mm ² /s
Sulfur Content	ISO 8754	1.03	Wt %
Flash Point (at Barometric Pressure 757 mm Hg)	EN ISO 2719	90	°F
Pour Point	ISO 3016	<-27.4 <-33	°F °C
Water Content	ISO 3733	0.05	%(V/V)
Ash Content	ISO 6245	0.001	%(m/m)
Average MCR – Micro method	ISO 10370	1.60	%(m/m)
Total Sediment by Hot Filtration	ISO 10307-1	<0.01	%(m/m)
Accelerated Total Sediment by Hot Filtration	ISO 10307-2	<0.01	%(m/m)
Aluminum	IP 501	1	mg/kg
Silicon		4	mg/kg
Vanadium		<1	mg/kg
Calcium		2	mg/kg
Zinc		5	mg/kg
Phosphorous		<1	mg/kg
Sodium		<1	mg/kg
Total Acid Number	ASTM D664-A	N/A	
Hydrogen Sulfide Content	IP 570	<0.40	mg/kg
CCAI	ISO 8217F	866	
Mercaptan Sulfur	ASTM D3227	0.0069	%(m/m)
DCPD	ITM 6001	<10	ppm Wt
Org. Chloride in Orig. Sample-Crude Oil	ASTM D4929-B	9.9	ug/g
Carbon Content	ASTM D5291	85.45	Wt%
Hydrogen Content		10.79	Wt%
Nitrogen Content		0.52	Wt%
Oxygen Content		1.79	Wt%

www.deltaenergy.com support@deltaenergy.com (769) 355-2288

Delta-Energy Group, LLC Delta-Energy Natchez, LLC 61 Carthage Point Road, Natchez, Mississippi 39121



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TYPICAL CERTIFICATE OF ANALYSIS Continued			
Test	Method	Value	Units
Gross Heat of Combustion	ASTM D240	18,396	BTU/lb
Gross Heat of Combustion		143,620	BTU/gal
IBP	ASTM D7169 MOD	187	°F
10% Boiling Point		347	°F
20% Boiling Point		133	°F
30% Boiling Point		508	°F
40% Boiling Point		590	°F
50% Boiling Point		653	°F
60% Boiling Point		713	°F
70% Boiling Point		781	°F
80% Boiling Point		846	°F
90% Boiling Point		929	°F
Final Boiling Point		1229	°F
1020°F + Residue	3.9	Wt %	
% Recovery	99.4	Wt %	

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