SAYBOLT LP
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Saybolt
A CORE LABORATORIES COMPANY

Date: 03-Mar-04
Job No: 13031-0401273

LABORATORY CERTIFICATE OF ANALYSIS

Client:	SPRAGUE	Lab Reference No:	2004030060
Vessel:	Shore Tanks 6	Date Taken:	03-Mar-04
Terminal/Port:	SPRAGUE RENSSELAER, NY	Date Tested:	03-Mar-04
Sample Designated As:	#6 FUEL OIL		
Drawn By:	SAYBOLT INSPECTOR		

Test	Units	Method	Result
Gravity API	@ 60 Deg. F.	ASTM D-1298	15.2
Flash Point	Deg. F.	ASTM D-93B	228
Ash,	Weight %	ASTM D-482	0.045
Pour Point	Deg. C / Deg. F	ASTM D-97	3 / 37
Sulfur, X-Ray	Weight %	ASTM D4294	0.483
Viscosity, KIN CST @ 122 F.	Deg. F.	ASTM D-445	189.3
Viscosity, KIN SSF @ 122 F.	Deg. F.	ASTM D-445	89.6
Water & Sediment (BS&W)	Volume %	ASTM D-1796	0.2
Water by Distillation	Volume %	ASTM D-95	0.30
Sediment by Extraction	Weight %	ASTM D-473	0.022
Carbon Residue, Conradson	Weight %	ASTM D-189	7.5
Nitrogen	Weight %	ASTM D-5792	0.2671
B.T.U. Value (Gross)	BTU/LB	ASTM D-240	18546
B.T.U. Value (Gross)	BTU/GAL	ASTM D-240	148980
Asphaltenes	Weight %	IP-143	2.6
Sodium, ppm		SOL/DOL	12.8
Vanadium,		SOL/DOL	12

End of Analysis

SPRAGUE PROVIDES THE ATTACHED INSPECTION REPORT/ANALYSIS REPRESENTING THE SPECIFICATIONS OF THE PRODUCT AT THE SPRAGUE TERMINAL IN TANK ON THE DATE OF INSPECTION NOTED ON THE CERTIFICATE. THIS ANALYSIS IS PROVIDED TO THE CUSTOMER FOR THE PURPOSE OF ESTABLISHING THE INDEPENDENTLY VERIFIED PRODUCT SPECIFICATION ON A COMPOSITE BASIS IN SPRAGUE'S TERMINAL SHORE TANK AS NOTED ON THE CERTIFICATE. THE INSPECTION REPORT IS NOT TO BE USED FOR ANY OTHER PURPOSE. SPRAGUE DISCLAIMS ANY LIABILITY FOR THE PRODUCT AFTER DELIVERY BY SPRAGUE TO CUSTOMER. SPRAGUE DISCLAIMS ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR AN INTENDED USE EXCEPT AS MAY BE SPECIFICALLY SET FORTH IN WRITING IN ANY CONTRACT OR TERMS OF SALE BETWEEN SPRAGUE AND A BUYER OF PRODUCT. SPRAGUE ASSUMES NO LIABILITY FOR CLAIMS OR LOSSES THAT MAY ARISE FROM CUSTOMER'S USE OF THIS INSPECTION REPORT/ANALYSIS.

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FAST TO THE POINT.

Precision parameters apply in the evaluation of the test results specified above. Please also refer to ASTM D-3244 (except for analysis of RFG), IP-367 and appendix E of IP standard methods for analysis & testing with respect to the utilization of test data to determine conformance with specifications.

Issuer warrants that it has exercised due diligence and care with respect to the information and professional judgments embodied in this report. This report reflects only the findings at the time and place of the inspections and testing. Issuer expressly disclaims any further indemnity of any kind. This report is not a guarantee or policy of insurance with respect to the goods or the contractual performance of any party. Any person relying upon this report should be aware that issuer's activities are carried out under their general terms and conditions.