

SOUTHWEST RESEARCH INSTITUTE
6220 CULEBRA ROAD
P.O. DRAWER 28510
78238, SAN ANTONIO
United States



Attention of : Mr. D. Engstrom
Your reference :

Analysis Report

Report number : 13051/00072259.1/L/25 Submitted date : 01-08-2025
Sample submitted at : Saybolt LP, Deer Park
Report Date : 01-09-2025 Date received : 01-08-2025
Date of issue : 01-09-2025 Date completed : 01-09-2025
Sample object : Southwest Research Institute Sample number : 17323134
Sample type : Submitted
Sample submitted as : Gasoline
Marked : 61-344-366A-001 Ref (Semi Annual Seq VI Sample)

NAME	METHOD	UNIT	RESULT
API Gravity	ASTM D 4052	°API	58.5
Distillation	ASTM D 86		
Initial boiling point		°F	84.3
5% Evaporated		°F	111.4
10% Evaporated		°F	125.6
20% Evaporated		°F	146.5
30% Evaporated		°F	170.1
40% Evaporated		°F	198.2
50% Evaporated		°F	219.9
60% Evaporated		°F	231.6
70% Evaporated		°F	241.5
80% Evaporated		°F	259.0
90% Evaporated		°F	315.1
95% Evaporated		°F	336.7
Final boiling point		°F	393.5
Recovery		vol %	98.2
Residue		vol %	1.1
Loss		vol %	0.7
Evaporated at 200 °F		vol %	40.6
Evaporated at 300 °F		vol %	88.0
Heat Of Combustion, Net	ASTM D 3338	Btu/lb	18444
Hydrocarbon Type FIA	ASTM D 1319		
Aromatics		vol %	30.2
Olefins		vol %	0.5
Saturates		vol %	69.3
Sulfur	ASTM D 5453	mg/kg	3.8
Vapor Pressure	ASTM D 5191		

All results in this report refer to sample(s) tested as taken or submitted like specified in this analysis report. All tests are conducted according to the latest version of the methods, unless stated otherwise. Measuring results have an uncertainty as quantified by the precision parameters of each test method. Precision parameters may deviate if the sample matrix is beyond the scope of the test method and / or result is out of stated range. For the interpretation of results, users should refer to ASTM D3244, IP367, ISO 4259 or GOST 33701. This report shall not be partially reproduced without written permission of SAYBOLT.

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NAME	METHOD	UNIT	RESULT
Vapor Pressure, EPA Eq.		psi@100F	8.77
Vapor Pressure, ASTM Eq.		psi@100F	8.66

Signed by: Sandra Kaluza - Laboratory Coordinator
Issued by: Saybolt LP
Place and date of issue: Deer Park - 01-09-2025

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