

LUBRIZOL CORPORATION
 29400 LAKELAND BOULEVARD
 44092-2298, WICKLIFFE
 United States



Attention of : Mr. A. Stevens

Analysis Report

Report number : 13072/00011708.2/L/21 Submitted date : 06-23-2021
 Sample submitted at : Saybolt LP, Deer Park
 Report Date : 06-28-2021 Date received : 06-25-2021
 Date of issue : 06-28-2021 Date completed : 06-28-2021
 Sample object : Lubrizol Sample number : 11780555
 Sample type : Submitted
 Sample submitted as : Gasoline
 Marked : OS# 394755G (Sample1)

NAME	METHOD	UNIT	RESULT
API Gravity	ASTM D 4052	°API	59.0
Distillation	ASTM D 86		
Initial boiling point		°F	82.9
5% Evaporated		°F	107.8
10% Evaporated		°F	121.0
20% Evaporated		°F	139.5
30% Evaporated		°F	162.5
40% Evaporated		°F	191.4
50% Evaporated		°F	217.3
60% Evaporated		°F	230.5
70% Evaporated		°F	240.3
80% Evaporated		°F	260.4
90% Evaporated		°F	312.6
95% Evaporated		°F	339.1
Final boiling point		°F	387.4
Recovery		vol %	97.5
Residue		vol %	1.1
Loss		vol %	1.4
Evaporated at 200 °F		vol %	42.9
Evaporated at 300 °F		vol %	88.0
Heat Of Combustion, Net	ASTM D 3338	Btu/lb	18474
Hydrocarbon Type FIA	ASTM D 1319		
Aromatics		vol %	28.1
Olefins		vol %	0.8
Saturates		vol %	71.1
Sulfur	ASTM D 5453	mg/kg	2.5
Vapor Pressure	ASTM D 5191		

All results in this report refer to the sample(s) tested as taken or submitted like specified in this Analysis report. Uncertainties, available on request, apply in the evaluation of the test results. All tests are conducted according to the latest version of the methods, unless another version is specifically indicated. Where available and for convenience purposes, the tested sample has been checked for compliance with supplied specifications, without accepting any liability. In case of dispute or concern, we refer to the interpretation of test results as defined in ASTM D3244, IP 367, ISO 4259 or GOST 33701. This report shall not be partially copied and reproduced without the written permission of the laboratory.

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Sample object : Lubrizol Sample number : 11780555
Sample type : Submitted
Sample submitted as : Gasoline
Marked : OS# 394755G (Sample1)

NAME	METHOD	UNIT	RESULT
Vapor Pressure, EPA Eq.		psi@100F	8.74
Vapor Pressure, ASTM Eq.		psi@100F	8.63

Signed by: Sandra Kaluza - Laboratory Coordinator
Issued by: Saybolt LP
Place and date of issue: Deer Park - 06-28-2021

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 Sample object : Lubrizol Sample number : 11780556
 Sample type : Submitted
 Sample submitted as : Gasoline
 Marked : OS# 394755G (Sample2)

NAME	METHOD	UNIT	RESULT
API Gravity	ASTM D 4052	°API	59.0
Distillation	ASTM D 86		
Initial boiling point		°F	86.0
5% Evaporated		°F	107.8
10% Evaporated		°F	121.4
20% Evaporated		°F	138.9
30% Evaporated		°F	161.5
40% Evaporated		°F	191.9
50% Evaporated		°F	217.5
60% Evaporated		°F	231.2
70% Evaporated		°F	242.2
80% Evaporated		°F	260.7
90% Evaporated		°F	310.4
95% Evaporated		°F	339.0
Final boiling point		°F	386.5
Recovery		vol %	97.3
Residue		vol %	1.1
Loss		vol %	2.6
Evaporated at 200 °F		vol %	42.7
Evaporated at 300 °F		vol %	88.2
Heat Of Combustion, Net	ASTM D 3338	Btu/lb	18479
Hydrocarbon Type FIA	ASTM D 1319		
Aromatics		vol %	27.7
Olefins		vol %	0.8
Saturates		vol %	71.5
Sulfur	ASTM D 5453	mg/kg	2.5
Vapor Pressure	ASTM D 5191		

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Sample object : Lubrizol Sample number : 11780556
Sample type : Submitted
Sample submitted as : Gasoline
Marked : OS# 394755G (Sample2)

NAME	METHOD	UNIT	RESULT
Vapor Pressure, EPA Eq.		psi@100F	8.84
Vapor Pressure, ASTM Eq.		psi@100F	8.72

Signed by: Sandra Kaluza - Laboratory Coordinator
Issued by: Saybolt LP
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