



PROPANE SERVICES LLC

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ISO
REGISTERED

PROPANE PHYSICAL PROPERTIES HD-5 SPECIFICATION PROPANE

Formula	C3H8
Boiling Point, F	-44
Specific Gravity of Gas (Air = 1.00)	1.53
Specific Gravity of Liquid (Air = 1.00)	0.53
Lbs. per Gal. of Liquid at 60°F	4.24
BTU per Gal. at 60°F	91690
BTU per LB.	21591
Cu. Ft. of Vapor at 60°F. per Gal. of Liq. at 60°F	36.39
Combustion Data:	
Cu. Ft. Air Required to burn 1 Cu. Ft. Gas	23.86
Flash Point F	-156
Ignition Temp. in Air F	920-1020
Max. Flame Temp. in Air	3595
Limits of Flammability:	
Lower Percent in Air	2.4
Upper Percent in Air	9.6
Octane	Over 100

N.G.P.A. SPECIFICATIONS H.D. 5

H2S (c+c ppm)	-0-
Tut Sulfur, gr./100 Cu. Ft.	-0-
Moisture, Dew Point, °F	-20-
95% off, °F	-44-
Residue @ 100°F	-0-
Appearance Residue	Oil Film, No Wax
Oil Spot, ml.	0.5
Mercaptan Odorant, #/10,000 gal	1
Cromatograph Analysis, Liq. %	
Ethane	0.6
Propane	97.6
Propylene	.9
Isobutane	.9