



Fuel Ethanol Trade Measurements and Conversions								
Fuel Ethanol Unit ↓	U.S. Gallons	Liters	Hectoliters	Cubic Meters (M ³)	Metric Tons (weight) Equivalent	Metric Tons Oil (energy) Equivalent (MTOE)	Oil Barrel (volume) Equivalent	Oil Barrel (energy) Equivalent
1 Gallon =	1.00000	3.78541	0.03785	0.00379	0.00299	0.00184	0.02381	0.01350
1 Liter =	0.26417	1.00000	0.01000	0.00100	0.00079	0.00049	0.00629	0.00357
1 Hectoliter =	26.41700	100.00000	1.00000	0.10000	0.07900	0.04863	0.62900	0.35700
1 Cubic meter =	264.1700	1,000.0000	10.00000	1.00000	0.79000	0.48627	6.29000	3.57000
1 Metric Ton (weight) =	334.9540	1,267.9397	12.67940	1.26794	1.00000	0.61656	7.97525	4.52188
1 Metric Ton Oil Equiv. (MTOE) (energy) =	543.2657	2,056.4832	20.56483	2.05648	0.91909	1.00000	12.93490	7.33000
1 Oil Barrel (volume equivalent) =	42.00000	158.98722	1.58987	0.15899	0.12560	0.13643	1.00000	0.56668
1 Oil Barrel (energy equivalent) =	23.80070	90.09551	0.90096	0.09010	0.07118	0.13643	0.56668	1.00000

BTU Values (Department of Energy):

Crude Oil = 5.751 million BTU/barrel

Ethanol = 3.259 million BTU/barrel

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