

# Methyl tert-Butyl Ether (MTBE) Analysis

By Oilload

## MTBE

Pure

No.	Item	Report	Unit	Test Method
1	Density	0.760	gr/cm <sup>3</sup>	ASTM D4052
2	RON	96.8	-	infrared
3	MON	81.5	-	infrared
4	AKI	89.1	-	infrared
5	COLOR	White	-	-
6	IBP	51	°C	ASTM D86
7	10%	53	°C	ASTM D86
8	50%	54	°C	ASTM D86
9	95%	55	°C	ASTM D86
10	FBP	112	°C	ASTM D86
11	APPERANCE	Clear	-	VISUAL

## MTBE

90/10

No.	Item	UNITS	Test Method	RESULT
1	MTBE	WT%	ASTM D5441	98.00 MIN
2	C4 HYDROCARBONS	WT%	ASTM D5441	0.5 MAX
3	C5 HYDROCARBONS	WT%	ASTM D5441	1.0 MAX
4	METHANOL	WT%	ASTM D5441	0.7 MAX
5	TERT-BUTYL ALCOHOL	WT%	ASTM D5441	0.6 MAX
6	DI-ISOBUTANE	WT%	ASTM D5441	0.6 MAX
7	WATER	WT PPM	ASTM D1364	500 MAX