

"Sulfur Guard at NHT unit"

Specification	Unit	Value	Impurity		
Phase	...	Liquid	Total Sulfur ppm wt. (Specification unknown)	10 Max	
Temperature	°C	183.5	Product Specification		
Pressure	Bar g	10.8	Total Sulfur	Total Sulfur Removal	
Total mass flow	Kg/h	369477	Vessel Dimensions		
Vol. Flow	m3/hr	671.3	Internal Bed Diameter ,mm	3100	
Total Enthalpy	MW	45.7			
Sp.Gr @ 15°C/15°C		0.7239	Bed Height (T.L to T.L),mm	6100	
Molecular Weight	Kg/Kmol	99.25			
Component	Composition Kmol/hr	Component	Composition Kmol/hr	Component	Composition Kmol/hr
NH3	0	H2	0	Methane	0
Ethane	0	Propane	0	n-Butane	0.22
i-Butane	0.01	n-Pentane	392.24	i-Pentane	404.88
22DMB	19.45	23DMB	31.27	2MP	174.4
3MP	104.23	n-Hexane	237.95	CycloPentane	22.83
MCC5	92.35	CycloHexane	66.51	Benzene	105.09
Heptane	158.56	2-MethylHexane	75.95	3-MethylHexane	72.29
3-EthylPentane	3.66	22-DMPentane	10.08	24-DMPentane	15.57
33-DMPentane	5.5	23-DMPentane	19.23	11-DMCycloPentane	25.68
1cis3-DMCC5	41.46	1tran3-DMCycloPentane	35.54	1tran2-DMCycloPentane	61.21
1cis2-DMCC5	35.52	Ethyl CycloPentane	3.95	Methyl CycloPentane	35.51
Toluene	106.8	Octane	109.26	3-MethylHeptane	141.95
11-DMCycloHexane	41.48	23-DMHexane	39.36	ECH	12.94
1-M-1-E-CC5	69.5	Trans-1,3-DMCC6	41.69	PRCP	4.39
M-Xylene	123.61	Nonane	81.86	3-MethylOctane	133.28
ButhylCycloPentane	70.09	1-Trans-3,5-TriMethylCC6	49.67	1,2,4-TriMethylBenzene	77.49
Decane	51.27	3-MethylNonane	98.84	Sec-ButhylCycloHexane	59.99
4-Ethyl-O-Xylene	43.69	Undecane	59.35	HexylCycloPentane	23.3
1MNaphth	31.65	H2O	0		
TOTAL MOLAR Rate			3722.6 Kmole/hr		