

Product Name:
NiQuan Energy GTL Naphtha



NiQuan
ENERGY

Product Category:
GTL Naphtha

Description:

GTL Naphtha is a highly paraffinic chemical feedstock/fuel blendstock. The paraffin content is typically 98%, which is considerably higher than the 65-75% of typical open-spec naphtha and the 85% of typical full-range naphtha.

Essentially zero sulfur, with virtually no aromatics and negligible metallic contaminants, GTL Naphtha is one of the most efficient liquid feedstocks for the cracking of ethylene offering higher yields and significantly reduced coking/fouling rates for furnace tubes during the cracking process.

GTL Naphtha can be used as a gasoline blending component with the addition of ethanol as an octane booster. GTL Naphtha-ethanol blends function similarly to neat gasoline while offering lower emissions and some performance improvements. These gasoline blends perform similarly to conventional gasoline with a 90-octane rating and significantly reduce engine knocking.

GTL Naphtha can be used to dilute heavy crude oil to reduce its viscosity and enable/facilitate transport and can also be used to clean metal.

GTL Naphtha Specifications

Property	Unit	Min	Max	Typical (estimated)	Test Method
RVP	PSI		10.0	3-9	ASTM D5191 / ASTM D323
Gravity	API	Report			ASTM 287 / ASTM D1298 / ASTM D4052
Specific Gravity @ 15°C		0.63	0.75	0.7098	ASTM D1298 / ASTM D4052
Distillation					
IBP	°C	64	76	76	ASTM D86
10%	°C	98	120	102	ASTM D86
50%	°C	119	139	125	ASTM D86
90%	°C	135	155	143	ASTM D86
EP	°C	145	185	177	ASTM D86
RON				30-35	ASTM D2699
MON				30-35	ASTM D2700
Sulphur	ppm		8	1	ASTM D5453
Olefins	Vol %		10	3	ASTM D1319 or GC
Aromatics	Vol %		5	0	ASTM D1319 or GC
Paraffin	Vol %	90		97	ASTM D1319 or GC
Napthenes	Vol %				ASTM D1319 or GC
Benzene	Vol %				ASTM D1319 or GC
Copper Strip				1A	ASTM D130
Hydrogen Sulphide	ppm				GPA 2199

Contact Us:

US & North America: Sales@NiQuanenergy.com

Latin America & The Caribbean: Sales@NiQuanenergy.com

NETL-ENG-SPC-0002 Rev0

Issue Date: July 2021