

Manufacturer			Product Name	
MTA Holding			Heavy Hydrocarbon (F) [C]	
R	Property	Unit	Test Method	Limit
1	Density @ 15°C	g/cm3	ASTM D1298	0.860 max
2	Total Sulfur	wt%	ASTM D4294	0.5 max
3	Kinematic Viscosity @ 50°C	mm2/s	ASTM D445	30 max
4	Flash Point	°C	ASTM D93	120 min
5	Pour Point	°C	ASTM D97	+30 max
6	Carbon Residue	wt%	ASTM D189	3 max
7	Ash%	wt%	ASTM D482	0.1 max
8	Sediment	wt%	ASTM D473	0.1 max
9	Water content	wt%	ASTM D95	0.5 max
10	V	ppm	IP501	100 max
	Zn			15 max
	Ca			30 max
	Si+Al			60 max

Manufacturer			Product Name	
MTA Holding			Heavy Hydrocarbon (F) [B]	
R	Property	Unit	Test Method	Limit
1	Density @ 15°C	g/cm3	ASTM D1298	0.991 max
2	Total Sulfur	wt%	ASTM D4294	3.5 max
3	Kinematic Viscosity @ 50°C	mm2/s	ASTM D445	380 max
4	Flash Point	°C	ASTM D93	60 min
5	Pour Point	°C	ASTM D97	+30 max
6	Carbon Residue	wt%	ASTM D189	18 max
7	Ash%	wt%	ASTM D482	0.1 max
8	Sediment	wt%	ASTM D473	0.1 max
9	Water content	wt%	ASTM D95	0.5 max
10	V	ppm	IP501	350 max
	Zn			15 max
	Ca			30 max
	Si+Al			80 max

Manufacturer			Product Name	
MTA Holding			Heavy Hydrocarbon (F) [A]	
R	Property	Unit	Test Method	Limit
1	Density @ 15°C	g/cm3	ASTM D1298	0.991 max
2	Total Sulfur	wt%	ASTM D4294	3.5 max
3	Kinematic Viscosity @ 50°C	mm2/s	ASTM D445	180 max
4	Flash Point	°C	ASTM D93	60 min
5	Pour Point	°C	ASTM D97	+30 max
6	Carbon Residue	wt%	ASTM D189	18 max
7	Ash%	wt%	ASTM D482	0.1 max
8	Sediment	wt%	ASTM D473	0.1 max
9	Water content	wt%	ASTM D95	0.5 max
10	V	ppm	IP501	350 max
	Zn			15 max
	Ca			30 max
	Si+Al			80 max