

Quality specification

Heating Oil Extra Light sulphur-free (10ppm)

Product reference number: MOL_0622_003 (according to **DIN 51603-1**)

Property	Unit	Test method	Requirement
Appearance		QC_IHM_003	Clear
Solid matter		QC_IHM_003	Exempt
Undissolved water		QC_IHM_003	Free
Distillation, % (V/V) recovered at 250 °C	%(V/V)	EN ISO 3405	max. 65.0
Distillation, % (V/V) recovered at 350 °C	%(V/V)	EN ISO 3405	min. 85.0
Viscosity at 20 °C	mm ² /s	DIN 51562-1	max. 6.0
Flash Point by Pensky-Martens	°C	EN ISO 2719	greater than 55
Cloud Point	°C	DIN EN 23015	max. 1
Cold Filter Plugging Point	°C	EN 116	max. -10
Carbon residue (on 10% distillation residue)	%(m/m)	EN ISO 10370	max. 0.3
Ash content	%(m/m)	EN ISO 6245	max. 0.01
Heat of combustion	MJ/kg	DIN 51900-1	min. 45.4
Total contamination	mg/kg	EN 12662	max. 24
Water Content	mg/kg	EN ISO 12937	max. 200
Density at 15 °C	g/cm ³	EN ISO 12185	max. 0.8600
Sulphur Content	mg/kg	EN ISO 20846	max. 10.0
Fatty acid methyl ester (FAME) content	%(V/V)	EN 14078	max. 0.5
Copper strip corrosion (3 h at 50°C)		EN ISO 2160	Class 1
Lubricity wear scar diameter at 60°C	µm	EN ISO 12156-1	max. 460
Thermal stability (sediment)	mg/kg	DIN 51371	max. 140.0
Storage stability	mg/kg	DIN 51471	Report