



Diesel methods

according EN 590	Methods	sample amount (ml)
Visual assessment	ASTM D 4176	100
Derived Cetane Number*	EN 16715	700
Cetane index calculated (Density, Distillation)	EN ISO 4264	150
Density at 15°C	EN ISO 12185	50
Polycyclic aromatic Hydrocarbons (aromatic hydrocarbon types)	EN 12916	50
Sulfur content	EN ISO 20846	10
Flash point P.M.	EN ISO 2719	130
Carbon residue (on 10% distillation residue)	EN ISO 10370	130
Ash content	EN ISO 6245	150
Water content	EN ISO 12937	25
Total contamination	EN 12662	600
Corrosiveness to copper — Copper strip test (3h at 50°C)*	EN ISO 2160	50
Fatty acid methyl ester (FAME) content	EN 14078	20
Oxidation stability*	EN ISO 12205	500
Oxidation stability	EN 15751	25
Lubricity (HFRR) at 60°C*	EN 12156-1	20
Kinematic Viscosity at 40°C	ISO 23581	50
Simulated distillation (D86 correlation)	EN ISO 3924	10
Distillation characteristics at atmospheric pressure	EN ISO 3405	220
Cold filter plugging point (CFPP)	EN 116	150
Manganese content	EN 16576	70



Additional methods		
Cloud Point	EN ISO 3015	150
Separation and characterisation of fatty acid methyl esters (FAME)*	EN 14331	50
Carbon/Hydrogen content	ASTM D 5291	10
Oxygen content*	ASTM D 5622	10
Filter Block Test*	IP 387	300
Microbiological contamination (filtration and culture method)	IP 385	500
Microbiological contamination* (cult dip method)	Cult Dip	100
Total organic halogens as Chlorine	EN 14077	10
Gross Calorific Value/Net Calorific value	DIN 51900	20
Nitrogen content	ASTM D 4629	20
Ethyl hexyl nitrate (EHN) content*	FTIR	50
ICP-OES Screening*	ASTM D 7111	70
IR-Spektrum incl. Interpretation*		20
Urea Contamination (AdBlue) in fuel*		500
Oxidationsstabilität für Kraftstoffe mit einem FAME-Gehalt von mehr als 2,0	EN 15751	25

*not accredited; Other procedures/methodes are possible on request

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