

# Delivery Specification



## Diesel B7

satisfies DIN EN 590 (edition 10/2017)

1D, PdNr. 490000

### Intended usage

Operation of Diesel engines, particularly vehicle Diesel engines. For further information our Competence Center Fuels is available to you at the telephone no. +43-1-40440-43486.

Test method	Characteristics	Unit	Limit values
Visual assessment	Appearance		clear, free from visible water and solid impurities
EN ISO 5165*), EN 15195, EN 16144, EN 16715	Cetane number		min. 51,0
EN ISO 4264	Cetane index		min. 46,0
EN ISO 12185, EN ISO 3675*)	Density (at 15°C)	kg/m <sup>3</sup>	820,0 - 845,0
EN ISO 20846*), EN ISO 20884*), EN ISO 13032	Sulphur content	mg/kg	max. 10,0
EN ISO 2719	Flash point	°C	over 55,0
EN 16576	Manganese content	mg/l	max. 2,0
EN 12916	Polycyclic aromatic hydrocarbons	% (m/m)	max. 8,0
EN 116, EN 16329	Cold filter plugging point/CFPP: 15.04. - 30.09. - Summer	°C	max. 0
EN 116, EN 16329	Cold filter plugging point/CFPP: 16.11. - 28.02. (29.02.) - Winter	°C	max. -20
EN 116, EN 16329	Cold filter plugging point/CFPP: 01.03. - 14.04. und 01.10. - 15.11.	°C	max. -10
EN ISO 12156-1	Lubricity, wear scar diameter (wsd) at 60°C	micro m.	max. 460
EN ISO 3104	Viscosity (at 40°C)	mm <sup>2</sup> /s	2,000 - 4,500
	Distillation		
EN ISO 3405*), EN ISO 3924	% (V/V) recovered at 250°C	% (V/V)	< 65
EN ISO 3405*), EN ISO 3924	% (V/V) recovered at 350°C	% (V/V)	min. 85
EN ISO 3405*), EN ISO 3924	95% (V/V) recovered at	°C	max. 360
EN 14078	Fatty acid methyl ester (FAME) content***)	% (V/V)	max. 7,0
EN ISO 12205	Oxidation stability	g/m <sup>3</sup>	max. 25
EN 15751	Oxidation stability****)	h	min. 20
EN ISO 2160	Copper Strip Corrosion (3 h at 50°C)	rating	Class 1
EN ISO 10370	Carbon residue (on 10 % distillation residue)	% (m/m)	max.**) 0,30
EN ISO 6245	Ash content	% (m/m)	max. 0,010
EN ISO 12937	Water content	% (m/m)	max. 0,020
EN 12662	Total contamination	mg/kg	max. 24
ASTM D 2624	Electrical conductivity	pS/m	min. 50



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\*) In case of arbitration procedures this examination standard will be the basis of judgement.

\*\*) Applies for products with no ignition improver (before addition).

\*\*\*) FAME has to satisfy the requirements acc. to EN 14214.

\*\*\*\*) This is an additional requirement for diesel fuel with more than 2% (v/v) FAME.

**Customs Number:**2710 20 11