

DIN V 51605:2006-07 (E)

Fuels for vegetable oil-compatible combustion engines - Fuel from rapeseed oil - Requirements and test methods

Contents		Page
Foreword		3
Introduction		3
1	Scope	3
2	Normative references	4
3	Terms and definitions	5
4	Designation and marking	5
5	Requirements and testing	6
5.1	General requirements	6
5.2	Requirements for added additives	6
5.3	Requirements for testing and compliance with the limit values in cases of dispute	6
5.4	Particularities of the requirements for winter capability	6
5.5	Particularities of the requirement for ignition performance	7
5.6	Additional requirements	7
5.6.1	Verification of the fuel's origin from rapeseed oil	7
5.6.2	Contents of ash-forming elements	7
5.6.3	Distillation analysis	8
5.6.4	Information on density/temperature conversion	8
6	Product treatment and sampling	9
Annex A (informative) Verification of the oil identity		10
A.1	General information	10
A.2	Methods of testing the fatty acid distribution	10
A.3	Determination of the origin from rapeseed oil by means of sterol analysis	10
Annex B (informative) Further important failure data		12
B.1	General	12
B.2	Information on the viscosity in the temperature range from -10 °C to 100 °C	12
Bibliography		13