

# DIN 51605:2016-01 (E)

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

---

<b>Contents</b>		<b>Page</b>
Foreword .....		3
Introduction .....		4
1	Scope .....	5
2	Normative references .....	5
3	Terms and definitions .....	6
4	Product designation and marking .....	7
5	Requirements and testing .....	7
5.1	General requirements .....	7
5.2	Requirements for added additives .....	9
5.3	Requirements for testing and compliance with the limit values in cases of dispute .....	9
5.4	Particularities of the requirements for winter capability .....	9
5.5	Particularities of the requirements for ignition quality .....	9
5.6	Additional requirements .....	10
5.6.1	Verification of the fuel's origin from rapeseed oil .....	10
5.6.2	of ash-forming or sediment-forming elements .....	10
5.6.3	Distillation analysis .....	10
5.6.4	Information on density/temperature conversion .....	10
6	Product treatment and sampling .....	10
Annex A (normative) Adaptation of the test method according to DIN EN 15195:2007-08 for the purposes of rapeseed oil fuel .....		11
Annex B (informative) Verification of the oil identity .....		12
B.1	General information .....	12
B.2	Methods of testing the fatty acid distribution .....	12
B.3	Sterol analysis .....	12
Annex C (informative) Further information on properties and test methods .....		14
C.1	General .....	14
C.2	Information on the viscosity for the temperature range from -10 °C to 100 °C .....	14
Bibliography .....		15