

DIN 51623:2015-12 (E)

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

Contents	Page
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 requirement for the wax content	9
5.6 Particularities of the requirement for ignition quality	9
5.7 Additional requirements	10
5.7.1 Content of ash-forming or sediment-forming elements	10
5.7.2 Distillation analysis	10
5.7.3 Information on density/temperature conversion	10
6 Product treatment and sampling	11
Annex A (normative) Visual examination of the liquid fuel after cooling	12
Annex B (normative) Adaptation of the test method according to DIN EN 15195:2007-08 for the purposes of vegetable oil fuel	13
Annex C (informative) Verification of the oil identity	14
Annex D (informative) Calculation of fuel properties using structural parameters	16
Annex E (informative) Further information on properties and test methods	18
Annex F (informative) Index to describe the viscosity-temperature behaviour of vegetable oil fuel ..	19
Bibliography	24