

BOEDAL Ltd

Boester BRA 46

Product Description

Blown Rapeseed Oil
CAS no 95193-59-2

Blown rapeseed oils offer formulators excellent lubricity, high VI, high flash point, relatively good low temperature properties, biodegradability and from sustainable resources. In the dry TOST test, and RPVOT tests, Boester BRA 46 shows similar performance to TMP tri oleate ISO 46. Unlike most blown rapeseed oils, Boester BRA 46 has an acid value similar to TMP trioleates. An ideal blending component with the overall aim of reducing formulation costs.

Sales Specifications

Properties	Units	Specifications	Typical values	Test Method
Appearance			Clear and bright	Visual
Colour	-	3 max	1	ASTM D1500
Acid Value	mgKOH/g	1 max	0.7	ASTM D974
Viscosity 40°C	cSt	42 - 50	45	ASTM D445

Typical Properties

Density @ 20°C	g/ml	-	0.921	ASTM D1298
Viscosity 100°C	cSt	-	9.4	ASTM D445
Viscosity Index	-	-	196	ASTM D445
Flash point COC	°C	-	310	ASTM D92
Pour point	°C	-	-24	ASTM D97
Noack volatility	%wt/wt	-	0.7	CEC-L-40-A
Iodine value	gI ₂ /100g	-	100	ISO 3961
Conradson carbon residues	%wt/wt	-	0.48	ASTM D189

Foaming characteristics

Seq.I(24°C)Tendency	ml	-	20	ASTM D892
Seq. I (24°C) Stability	ml	-	0	ASTM D892
Séq.II(93,5°C)Tendency	ml	-	0	ASTM D892
Séq. II (93,5°C) Stability	ml	-	0	ASTM D892
Séq. III (24°C/93,5°C) Tendency	ml	-	30	ASTM D892
Séq. III (24°C/93,5°C) Stability	ml	-	0	ASTM D892

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