

PRODUCT CODE		WILMAR™ BD-11A	WILMAR™ BD-13A	WILMAR™ BD-15A
PRODUCT DESCRIPTION		PME ASTM D6751-09	PME ASTM D6751-09	PME ASTM D6751-09
<b>SPECIFICATION</b>				
Flash Point, PMCC	°C	130 Min	130 Min	130 Min
Methanol Content	% vol	0.2 Max	0.2 Max	0.2 Max
Water & Sediment	% vol	0.05 Max	0.05 Max	0.05 Max
Kinematik Viscosity at 40 °C	mm <sup>2</sup> /s	1.9 - 6	1.9 - 6	1.9 - 6
Sulfated Ash	% mass	0.02 Max	0.02 Max	0.02 Max
Sulphur	ppm	15 Max	15 Max	15 Max
Copper Strip Corrosion		No. 3 Max	No. 3 Max	No. 3 Max
Cetane Number		47 Min	47 Min	47 Min
Cloud Point	°C	14 Max	16 Max	18 Max
Carbon Residue (100% sample)	% mass	0.05 Max	0.05 Max	0.05 Max
Acid Number	mgKOH/g	0.5 Max	0.5 Max	0.5 Max
Free Glycerine	% mass	0.02 Max	0.02 Max	0.02 Max
Total Glycerine	% mass	0.24 Max	0.24 Max	0.24 Max
Phosphorous Content	% mass	0.001 Max	0.001 Max	0.001 Max
Distillation, T90 AET	°C	360 Max	360 Max	360 Max
Calcium & Magnesium, combined	ppm	5 Max	5 Max	5 Max
Sodium & Potassium, combined	ppm	5 Max	5 Max	5 Max
Oxidation Stability	hours	3 Min	3 Min	3 Min
Cold Filter Plugging Point	°C	11 Max	13 Max	15 Max
Cold Soak Filtration	seconds	360 Max	360 Max	-
<b>PRODUCT FORM</b>		Liquid	Liquid	Liquid

\*ASTM D7501



Passover



PRODUCT CODE		WILMARIN™ BD-11E	WILMARIN™ BD-13E	WILMARIN™ BD-15E
PRODUCT DESCRIPTION		PME EN 14214-08	PME EN 14214-08	PME EN 14214-08
<b>SPECIFICATION</b>				
Ester Content	% m/m	96.5 Min	96.5 Min	96.5 Min
Density at 15 °C	kg/m <sup>3</sup>	860 - 900	860 - 900	860 - 900
Viscosity at 40 °C	mm <sup>2</sup> /s	3.5 - 5	3.5 - 5	3.5 - 5
Flash Point, PMCC	°C	101 Min	101 Min	101 Min
Sulphur Content	mg/kg	10 Max	10 Max	10 Max
Carbon Residue (10% Distillation Residue)	% mass	0.3 Max	0.3 Max	0.3 Max
Cetane Number		51 Min	51 Min	51 Min
Sulfated Ash Content	% mass	0.02 Max	0.02 Max	0.02 Max
Water Content	mg/kg	500 Max	500 Max	500 Max
Total Contamination	mg/kg	24 Max	24 Max	24 Max
Copper Strip Corrosion (3 h at 50°C)	rating	class 1	class 1	class 1
Oxidation Stability, 110°C	hours	6 Min	6 Min	6 Min
Acid Value	mgKOH/g	0.5 Max	0.5 Max	0.5 Max
Iodine Value	% I <sub>2</sub>	52 Min	49 - 51	38 - 40
Linolenic Acids Methyl Esters	% mass	12 Max	12 Max	12 Max
Polyunsaturated (>= 4 double bond) Methyl Ester	% m/m	1 Max	1 Max	1 Max
Methanol Content	% m/m	0.2 Max	0.2 Max	0.2 Max
Monoglyceride Content	% m/m	0.8 Max	0.8 Max	0.8 Max
Diglyceride Content	% m/m	0.2 Max	0.2 Max	0.2 Max
Triglyceride Content	% m/m	0.2 Max	0.2 Max	0.2 Max
Free Glycerine	% m/m	0.02 Max	0.02 Max	0.02 Max
Total Glycerine	% m/m	0.25 Max	0.25 Max	0.25 Max
Alkaline Metals (K+Na)	mg/kg	5 Max	5 Max	5 Max
Alkaline Metals (Ca+Mg)	mg/kg	5 Max	5 Max	5 Max
Phosphorus Content	mg/kg	4 Max	4 Max	4 Max
Cold Filter Plugging Point	°C	11 Max	13 Max	15 Max
<b>PRODUCT FORM</b>		Liquid	Liquid	Liquid



Passover

