

TECHNICAL SPECIFICATION

Characteristic	Test Method	Unit of Measurement	Specification	Typical Result
Appearance	ASTM D4176	N/A	Clear, bright	Free of particulates
Colour	ASTM D1500	N/A	2.0 max.	1.5
Relative Density	ASTM D4052	kg/m	0.87 – 0.90	0.88
Viscosity (@ 25°C)	ASTM D1200	cSt	25.0 – 40.0	35.0
Flash Point	Abel	°C	> 93	80
Total Acid Number	ASTM D974	N/A	< 10	8.4
NLGI Classification	ASTM D217	INDEX	2 to 3	2
Food Grade Lubricant	FDA	H1	Clear, Bright	H1
Metals	ICP			
Iron		ppm	< 10	4
Zinc		ppm	< 10	4
Calcium		ppm	< 20	16
Magnesium		ppm	< 10	4
Phosphorus		ppm	> 30	45
Aluminium		ppm	< 10	2
Sodium		%	< 10	6
Sulfur		%	-	-
Ash		%	-	-
Water Content	Karl-Fisher	%	< 2 max.	0.84
Copper Corrosion	ASTM D130	N/A	1 max.	1a