
ChampLub Food Grade, Antiwear Lubricants TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

ChampLub Food Grade products are custom-blended polyalphaolefin (PAO) synthetic hydrocarbon oils giving improved lubrication at high and low temperatures, reduced volatility, and compatibility with mineral oils and equipment designed for use with mineral oils. They are formulated with additives for rust and oxidation inhibition and antiwear.

ChampLub Food Grade products meet 21 CFR 178.3570 requirements for lubricants with the possibility of incidental food contact. Authorized by USDA for use in Federally inspected meat and poultry plants (H-1).

TYPICAL PROPERTIES

Viscosity, cSt, ASTM D445	ChampLub Food Grade
@ 40°C	100.3
@ 100°C	13.7
@ 100°F	111.4
@ 210°F	14.1
Viscosity Index ASTM D2270	138
Density, lb/gal, 60°F	6.99
Pour Point °F (°C) ASTM D97	-55 (-52)
Flash Point, C.O.C., °F (°C) ASTM D92	521 (271)
Fire Point, C.O.C., °F (°C) ASTM D92	574 (301)
Specific Gravity, ASTM D1298	0.839

* These values are not intended for use in preparing specifications.