



TECHNICAL DATA BULLETIN

4007-4008 QUINPLEX® White Worm Gear Lubricant

DESCRIPTION:

These products were designed to provide superior wear protection and performance against rust and oxidation. They are formulated to work exceptionally well in food machinery worm gear applications where incidental food contact may occur. They are made from USP Grade Mineral Oils and contain QUINPLEX®, LE's proprietary additive. The H1 base oil and additives provide unmatched anti-corrosion and wear performance.

PHYSICAL CHARACTERISTICS—TYPICAL:

	4007	4008
ISO Grade	460	680
Viscosity,		
cSt @ 100°C, ASTM D445	34	46.9
cSt @ 40°C, ASTM D445	480	669
SUS @ 210°F	165	226.0
SUS @ 100°F	2550	3549
Gravity, °API, ASTM D287	25.7	25.1
Flash Point °F (°C)	415 (213)	415 (213)
Pour Point °F (°C)	-12 (-24)	-6 (-21)
Color	White	White
Rust Test, ASTM D665B	pass	pass
CM Stick Slip	pass	pass
Copper Corrosion, ASTM D130	1a	1a
Foam Test, ASTM D892	0/0; 0/0; 0/0	0/0; 0/0; 0/0

SPECIFICATIONS EXCEEDED:

NSF H1 Registered
USDA H1 Requirements

RECOMMENDATION:

Primarily for use in USDA inspected plants with worm gear applications on machinery where incidental food contact may occur.

LUBRICATION ENGINEERS, Inc.

BENEFICIAL QUALITIES:

Available in two viscosity grades

Excellent anti-wear properties

Additives approved for incidental food contact

Meets the performance requirements for USDA H1

Registered as NSF H1

Formulated from USP Grade mineral oils

Superior antioxidant and rust inhibitor

Long service life without gumming or discoloration

Safe for use in applications that contain brass worm gears

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