



# TECHNICAL DATA BULLETIN

**9901  
ALMASOL<sup>®</sup>  
SYNTEMP<sup>®</sup> Lubricant**

LEADERS IN LUBRICANTS

## DESCRIPTION:

High temperature lubricant made from a very heavy synthetic fluid and a nonmelting base. It is specially formulated to provide exceptional protection at temperatures at which petroleum oils would completely oxidize or carbonize. Contains ALMASOL<sup>®</sup>, LE's exclusive wear-reducing additive.

A very tacky, dark green, waterproof lubricant.

## PHYSICAL CHARACTERISTICS-TYPICAL:

Worked Penetration	@77°F. (25°C.)	265-295
Color		Green
NLGI Grade		2
Texture		Very Tacky
Base Thickener		Bentone
Dropping Point, °F. °C.)		None
Base Fluid:		
Viscosity		
SUS	@ 100°F.	42,700
SUS	@ 210°F.	1,025
CSt	@ 40°C.	7,630
CSt	@ 100°C.	210

## PERFORMANCE TEST RESULTS:

Timken, ASTM D-2509, lbs.	45
Oxidation Stability, ASTM D-942, psi drop @ 100 hrs.	3

## APPLICATION:

Open gears (kiln girth gears), oven chains, large bearings, etc., operating in a high temperature environment.

## RECOMMENDATION:

Use where an extremely high temperature, synthetic lubricant is required. This lubricant is typically designed for large bearings operating at very slow speeds.

**LUBRICATION ENGINEERS, Inc.**

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**LE PRODUCTS MANUFACTURED UNDER AN  
ISO 9001:2000 CERTIFIED QUALITY SYSTEM**

**BENEFICIAL QUALITIES:**

Long lasting under high temperatures; much longer than ordinary lubricants.

Very sticky and adherent to metal.

Protects against rust and corrosion.

Excellent mechanical stability.

EP (Extreme Pressure) characteristics.

Remains plastic down to 0°F. (-18°C.).

Highly water resistant. Resists boiling water or high temperature steam.

Passes ASTM D-4049 water spray-off test -- less than 5.0% spray-off.

Timken OK load of 45 lbs.

**LI50053  
TD-2502  
Rev. 12-06  
SS122100**