



TECHNICAL DATA BULLETIN

1274-1275 ALMAPLEX® Industrial Lubricant

LEADERS IN LUBRICANTS

DESCRIPTION:

Complex base grease designed for long life and the best lubrication. Extremely oxidation resistant, waterproof and provides excellent rust protection.

Contains ALMASOL®, LE's exclusive wear-reducing additive. It is an inorganic lubricating material with a lamellar structure which is high in compressive strength and has slip-planes which slide easily over one another. ALMASOL® is chemically inert and has an affinity for metal.

PHYSICAL CHARACTERISTICS—TYPICAL:

	<u>1274</u>	<u>1275</u>
NLGI Grade	1-1/2	2
Worked Penetration @ 77°F (25°C)	295-310	265-295
Color	Orange	Orange
Texture	Smooth	Smooth
Base Thickener	Aluminum Complex	Aluminum Complex
Dropping Point, °F (°C)	450 (232)	450 (232)
Base Oil:		
Viscosity,		
SUS @ 100°F	1,100	1,100
SUS @ 210°F	90	90
cSt @ 40°C	210	210
cSt @ 100°C	17.5	17.5

PERFORMANCE TEST RESULTS – TYPICAL:

Timken, ASTM D-2509, lbs.	45	45
Oxidation Stability, ASTM D-942		
psi drop @ 100 hrs.	4	5
psi drop @ 1,000 hrs.	12	15
Water Wash-out, ASTM D-1264, %	—	1.44
Wheel Bearing Leakage, ASTM D-1263, grams	3.1	1.4
Rust Test with Distilled Water, ASTM D-1743	Pass	Pass
Oil Separation Mass%, F.T.M. 321.2, max.	3.6	2.0
Four Ball EP Test, ASTM D-2596		
LWI	—	64
Weld Point, kg	—	400

SPECIFICATIONS EXCEED:

1275 ONLY

USDA GRADE H2 Kartridge Pak Co – Food Stuffer
 Angelus Sanitary Can Machine General Mills – B Lubricant
 Diamond Power Soot Blowers Baker Perkins 69D

LUBRICATION ENGINEERS, Inc.

APPLICATION:

Excellent for inplant industrial use. Electric motors, machine tools, presses, forging equipment, metal fabricating, woodworking and general plant lubrication. Can be used in centralized lubrication systems.

BENEFICIAL QUALITIES:

Bearings operate cooler with ALMASOL[®], LE's exclusive wear-reducing additive.

Very high dropping point.

Excellent oxidation resistance and rust protection.

Reversibility (reverts to grease form after melting).

Waterproof.

45 lb. Timken OK Load.

Select crudes and special refining provide long life.

Excellent for both electric motors and wheel bearings.

Multi-purpose industrial lubricant.

Retains soft body and plasticity much longer than ordinary greases.

Good low temperature pumpability.

The ALMASOL[®] additive imparts special wear-reducing qualities. Field experiences in severe service show lower operating temperatures and longer life with ALMASOL[®] than with ordinary greases.

Adhesiveness causes grease to cling tightly and protect bearing surfaces.

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