



# PurePlex™

**Clear, Multi-Purpose, Heavy Load, Extreme Pressure, High Temperature Food Grade Grease NLGI # 2**



**Clear, Heavy duty aluminum complex food grade grease specifically formulated for food processing equipment.**

***Provides superior protection against heavy loads, contaminants, heat, and high speed wear.***

**DESIGNED TO WORK IN APPLICATIONS THAT REQUIRE A CLEAN, SANITARY LUBRICANT**

**Provides Superior Equipment Protection for:**

- Food Processing Plants
- Bottling Plants
- Dairies
- Meat & Poultry Packing Plants
- Breweries & Canneries
- Water Utilities
- Industries Requiring H1 or Clean Lubricants



**Clear, Non-Staining Formulation**



**Stays in Place to Prevent Wear Under heavy Load Conditions**



**Exceptional Heat Reversion Properties**



**Superior Water Resistance**



**Resistant to Acid and Caustic Washdown**



**Unique Food Grade Base Oil Provides Superior Protection**



**Reduces Grease Inventory to Save Money**



**Lasts 2 to 5 Times Longer Than Conventional Food Grade Greases.**



**Wide Operating Temperature Range** – remains effective from 0°F to 275°F continuous and 400°F intermittent with monitored lubrication.

**PurePlex Meets or Exceeds these Sanitation and Performance Requirements:**

• USP 51 Effectiveness Test - where the following micro-organisms are unable to sustain life or flourish:

- Pseudomonas aeruginosa
- Staphylococcus aureus
- E. coli
- Listeria
- Salmonella
- Candida albicans
- Aspergillus niger

- Passes U.S.P. REQUIREMENTS
- FDA REGULATIONS, Part 21, CFR 172.878 and 178.3620A
- USDA H1 and H2

**USDA H1**



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Consult the label for complete directions and precautions before using this product.

Division of Certified Laboratories

# PurePlex™ Clear Food Grade Grease contains a total additive package that sets it apart from all other H1 greases available.

## Additive

## Benefit

<b>Aluminum Complex Base</b>	Withstands high heat - the only grease base with heat reversion characteristics. Resists water washout.
<b>Premium Food Grade Base Oil</b>	Highly refined superior food grade base oil resists oxidation and provides superior protection in high operating temperatures.
<b>Adhesive and Cohesive Polymers, Tackiness Agents</b>	Highly-elastic polymers hold grease together and in place to prevent the entry of contaminants, squeeze-out, channeling and sling-off.
<b>Rust and Corrosion Inhibitors</b>	Blocks out corrosive elements such as acids, water, caustics, condensate and steam by forming a protective barrier on equipment surfaces to prevent chemical wear.
<b>Oxidation Inhibitors</b>	Extends service life of the lubricant by retarding the oxidation or breakdown process.
<b>Shock Load Reducers</b>	Cushions impact to minimize the stress, vibration and chatter that can occur under heavy loads and during start-stop operations.
<b>Anti-wear Agents</b>	Forms a lubricant film on metal surfaces in the presence of heavy loads and high temperatures. Prevents cold welding.
<b>Friction Reducers</b>	Plates out on metal surfaces to prevent friction and wear under heavy loads.

Description	PurePlex
Penetration ASTM D 217	269
Multistroke penetration ASTM D 217	300
Four-ball Index ASTM D 2596	28.61
Four-ball (weld) ASTM D 2596	250
Four-ball (wear scar) ASTM D 2596	0.546
Timken method ASTM D 2509	25
Rust test ASTM D 1743	Pass
Copper corrosion ASTM D 130	1A
Water Washout ASTM D 1264	0.20%
Low Temperature Limit (F)	0
High Temperature Limit (F)	400

**Ideal for use on:** seamers, conveyor parts, rollers, bearings, gears, guide rails, grid belts, cams, casters, sprockets, stirrups, plungers, slide, cookers.

**Do not use on:** applications with operating temperatures above 400°F. (use **Thermalube**)

### PurePlex Limited Warranty

Under operating conditions of all types, customers find that **PurePlex** lasts at least 2 to 5 times longer than conventional greases.

The LubeMaster division of Certified Laboratories is so confident **PurePlex** will last longer in your operations, that we will replace the amount of **PurePlex** in your equipment at NO CHARGE if it does not extend regreasing intervals by *at least twice* the equipment manufacturer's recommended interval.