



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**
- Contains Omnistal™ - A Unique Preservative Which Helps Prevent Microbial Breakdown of the Grease**
- Reduces Grease Inventory to Save Money**
- Lasts 2 to 5 Times Longer Than Conventional Food Grade Greases.**

Wide Operating Temperature Range – remains effective from -18°C to 135°C continuous and 204°C 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

AQIS Approved type A

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

USDA H1



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

Additive

Benefit

Aluminum Complex Base	Withstands high heat - the only grease base with heat reversion characteristics. Resists water washout.
Premium Food Grade Base Oil with Ommistal™	Highly refined superior food grade base oil resists oxidation and provides superior protection in high operating temperatures. Contains Omnistal™, a unique preservative which helps prevent microbial breakdown of the grease.
Adhesive and Cohesive Polymers, Tackiness Agents	Highly-elastic polymers hold grease together and in place to prevent the entry of contaminants, squeeze-out, channeling and sling-off.
Rust and Corrosion Inhibitors	Blocks out corrosive elements such as acids, water, caustics, condensate and steam by forming a protective barrier on equipment surfaces to prevent chemical wear.
Oxidation Inhibitors	Extends service life of the lubricant by retarding the oxidation or breakdown process.
Shock Load Reducers	Cushions impact to minimize the stress, vibration and chatter that can occur under heavy loads and during start-stop operations.
Anti-wear Agents	Forms a lubricant film on metal surfaces in the presence of heavy loads and high temperatures. Prevents cold welding.
Friction Reducers	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 ©	-18
High Temperature Limit (C)	204

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 204°C.

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 NCH Corporations 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.