



NEUTRONLUB

THE BEST HI-TECH FLUID & COMPOUNDS - USA



NEUTRON 999

Clarion Food Machinery Grease

DESCRIPTION:

NEUTRON 999 Clarion Food Machinery Grease, No. 2 is a high temperature, extreme pressure (EP), water resistant grease in an NLGI No. 2 grade. It is registered as an H1 lubricant for incidental food contact by NSF, for use in food plants under the jurisdiction of the U.S.D.A. It meets the requirements of U.S. FDA regulation 21 CFR 178.3570 for lubricants having incidental contact with food.

QUALITIES:

- 40 Lb. Timken EP
- Superior Four-Ball EP and antiwear performance
- Excellent rust protection
- Oxidation inhibited
- Good high-temperature properties
- Good adhesion/cohesion properties
- Excellent resistance to the effects of water
- NSF H1 Registered

APPLICATIONS:

NEUTRON 999 Clarion Food Machinery Grease, No. 2 may be used with food processing and packaging machinery where there is a possibility of incidental contact with food.

CLASSIFICATION: NSF H1 - Lubricants with incidental contact (Definition)

“These compounds may be used as a lubricant or antirust film on equipment and machine parts in locations in which there is exposure of the lubricated part to edible products. They may also be used as a release agent on gaskets or seals of tank closures. The amount used should be the minimum required to accomplish the desired technical effect on the equipment. If used as an antirust film, the compound must be removed from the equipment surface by washing or wiping as required to leave the surface effectively free of any substance which could be transferred to food being processed.”

TYPICAL PROPERTIES:

NLGI No.

Thickener

Texture

Color,

Worked 60 Penetration, ASTM D 217

Dropping Point, ASTM D 566, ŽF (Ž C)

Wheel Bearing Leakage, ASTM D 1263, % loss

Water Spray Resistance, ASTM D 4049, % loss

Rust Prevention, ASTM D 1743, rating

Copper Corrosion, ASTM D 4048, rating

Timken Test, ASTM D 2509, OK load, lbs

Four-Ball Wear, ASTM D 2266, mm scar

Four-Ball EP Weld Point, ASTM D 2596, kgf

Four-Ball Load Wear Index, ASTM D 2596, kgf

Approximate Temperature Range, ŽF (ŽC)

Characteristics of Oil Plus Oil Soluble Additives:

Viscosity, ASTM D 445, cSt at 100°C

ASTM D 445, cSt at 40°C

Viscosity Index

#1 , #2

Clay

Smooth, Tacky

Clear /Transparent

265-295

None

4.5

9.2

Pass

2A Max.

40

0.55

400

55

10 to 325 (-12 to 163)

65.8

581

108

NEUTRON FLUID & COMPOUNDS DIVISION

Value shown here are typical and may vary. NEUTRON FLUID & COMPOUNDS DIVISION reserves the right to change or modify this product for purpose of improving its performance characteristics.