

PLI GEAR NT



Gear oil for food grade



Food Applications

PLI GEAR NT is a special range of lubricants for gears formulated for food processing machinery. They are obtained from high-purity white oils and special additives. They provide excellent resistance to oxidation and protection wear and extreme pressure PLI GEAR NT meet the highest standards of the food industry and meets the system Hazard Analysis Critical Control Points (HACCP) as well as the FDA 21 CFR 178.3570 "Lubricants with occasional contact with foods".

Applications

PLI GEAR NT can be used in all types of enclosed gear operating under normal conditions or high workloads. They are also suitable for lubricating bearings and drive chains, providing long life and keeping working areas clean.

Features and Benefits

- Excellent oxidation resistance and thermal stability.
- Excellent load carrying and anti-wear properties.

Typical Properties

CHARACTERISTICS	150	220	320	460
ISO VG	150	220	320	460
Kinematic Viscosity @ 40 °C, cSt	135 - 165	200 - 240	290 - 350	420 - 500
Viscosity Index	> 120	> 120	> 120	> 120
Pour Point, °C max.	-15	-15	-12	-12
Flash Point, °C min.	230	240	240	240
4-Ball Weld load (DIN 51350:4), N	1600	1600	1600	1600
FZG Gear Test, failure load stage, kg	12	12	12	12
Demulsibility ml	pass	pass	pass	pass

*All technical data is provided for reference only.

Health, Safety and Environment.

For further assistance on product MSDS, recommendation or technical queries, please liaise with the regional technical services engineer or contact HQ technical engineers.

Performance Levels

InS H1 and InS 3H certified.