



Syngrease NTP HV

SPECIAL FOOD-GRADE LUBRICATING GREASE FOR LOADED MECHANISMS

Description

Syngrease NTP HV is a high-performance special food-grade grease, specifically formulated for bearing and gears operating under high pressures conditions.

Syngrease NTP HV is designed to ensure proper lubrication and protection to all machineries types of the entire production chain of food&beverages, pharmaceutical and cosmetic market sectors.

The formulation of this grease fulfil the non-toxicity requirements of H1 grade and it is recorded in the NSF White Book of Non-food Compounds Listing Directory (*please see <https://info.nsf.org/USDA/Listings.asp?Company=N10201>*).

Syngrease NTP HV is formulated with aluminium complex organic thickener, selected base oils and fit for purpose additives, to ensure good anti-wear, anti-oxidant and anti-corrosion power. Furthermore, the specific product composition guarantees long service lifetime, contributing to reduce significantly maintenance costs.

Features

- ✓ **Excellent water-resistance**, to ensure high protection to mechanical parts, operating in working environments having strong presence of water and humidity.
- ✓ **High oxidation resistance and thermal stability**, to minimize formation of particles and deposits and to ensure long product service lifetime, lowering consumptions and generating savings.
- ✓ **Good resistance to loads**, to ensure excellent performance even in the presence of high pressures.
- ✓ **High dropping point**, to assure appropriate service efficiency also at high temperatures.
- ✓ **Good adhesivity**, to ensure satisfactory lubrication even in the presence of strains and vibrations.

Main uses

Syngrease NTP HV is suitable for :

- Slow and loaded bearings
- Feed pelleting machine
- All types of gears

Specifications

ISO 6743-9

DIN 51825 / 51502

L-XBDEA 0

KP 0 N-20

L-XBDEA 1

KP 1 N-20

L-XBDEA 2

KP 2 N-20

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The final user is free to make his own tests and analysis. Aluchem reserves the right to update this document every time is needed.





Technical Data

	Method	Units	Typical Values		
			0	1	2
Consistency NLGI	ASTM D 217	-	0	1	2
Colour	-	-	White milky		
Appearance	-	-	Creamy - Homogeneous		
Thickener	-	-	Aluminium Complex		
Base Oil Viscosity	ASTM D 445	cSt	460	460	460
Dropping Point	ASTM D 566	°C	> 240	> 240	> 240
Oil Separation	ASTM D 1742	%	< 3,0	< 3,0	< 3,0
Four-Balls wear diameter	ASTM D 2266	mm	< 1,0	< 1,0	< 1,0

- **Syngrease NTP HV** suggested usage thermal range : -25 ÷ 150 °C, with peaks up to 165 °C.
- **Syngrease NTP HV** is fully compatible and mixable with greases formulated with the same thickener (aluminium complex) and mineral or synthetic base oils, except polyalkylene glycol base oils (PAG). Furthermore, given the compatibility amongst base oils, in case of different thickeners, it is possible to replace the grease by adopting proper precautions.
- **Syngrease NTP HV** is compatible with the most common types of seals and paints.
- Store the product in its closed original container in a protected area and not exposed to sunlight and rain.
- **Aluchem** owns the following certifications: UNI EN ISO 9001:2015, KOSHER, HALAL.

Product tiering: Premium

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