



## TECHNICAL SHEET

# NUTROL



Nonfood Compounds  
Program Listed H1  
NSF registration N°151639



**SPÉCIALE CONTACT ALIMENTAIRE  
TRÈS HAUTES PERFORMANCES**

### DESCRIPTION

#### Special food contact - 20 + 200 ° C - USDA H1

The "Nutrol" is a classified USDA H1 grease and authorized incidental food contact.

It is formulated with highly purified components conform to the list of "materials in contact with food and DENR ed for human consumption" (Brochure No. 1227 of the Official Journal), established to guide the CNERNA and meet FDA requirements paragraph 178 3570 for food contact. Its highly refined mineral oil is consistent with the French pharmacopoeia codex and European as well as FDA 3620a, paragraph 178.

This fat is registered under number 151639 (Nutrol) in H1 category by NSF International. The registration letter is available on the website <http://info.nsf.org/usda/psnclistings.asp>. NSF International succeeds USDA for registration of permitted lubricants in contact with incidental food.

It has good adhesion spray suppression, extreme pressure properties and resistance to water and temperature.

### USE

This fat is primarily intended for the food industry, para-food and their packaging materials, to avoid the risk of toxicity in the event of accidental contact between grease and food packaging or food contact. Plain bearings are stretched and subjected to vibration or repeated shocks.

Joints, chains, varied movements in aqueous or semi-immersed environments (canning, processing, animal feed, fish industries, etc ...); Slides and cams in the food industry; Open gear or in unsealed casings close to bottling, packaging, bagging ...



high mechanical stability and thermal grease up to 200 ° C. Strong adhesion for improved lubrication and reduced consumption. Resistance to water, steam. Extreme pressure properties.

### TECHNICAL PROPERTIES

DATA	METHOD	VALUES
Thickening		Calcium complex
Base Oil		White oil codex FDA
Color		Beige - Light Beige
NLGI grade	ASTM D217	1.5
Point Drop	IP 396	> 260 ° C
viscosity base oil at 40 ° C	ISO 12058 -NFT60-100	180 cSt
base oil viscosity at 100 ° C	ISO 12058 -NFT60-100	NC
Shell 4 solder balls	ASTM D2596	400 kg
Temperature range		- 20 ° C to + 200 ° C
Worked penetration at 60 strokes	ISO 2137	295/340 - 1/10 mm
copper corrosion 24h / 100 ° C	ASTM D4048	1b

*This information is presented for illustrative purposes. Belleville fat can not be held liable for any risks arising from the use of these products.*

*Furthermore we reserve the right to modify these data without notice.*

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