

**MANUFACTURER OF TECHNICAL AEROSOLS AND PRODUCTS FOR INDUSTRY
PROCESSES - MRO - MAINTENANCE
ALTERNATIVE SOLVENTS 100% SAFE**

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iBiotec® NEOLUBE® AL 150

**ADHESIVE CODEX LUBRICATING
GREASE NSF H1-CERTIFIED FOR AGRO-FOOD INDUSTRIES (IAA)
CODEX QUALITY FOR PHARMACEUTICAL INDUSTRIES
TRANSLUCENT, ODOURLESS, FLAVOURLESS
NO ORGANOLEPTIC EFFECTS
EXCELLENT RESISTANCE TO WATER AND STEAM**

DESCRIPTION

An inorganic anti-corrosion gel additive. Viscous grease with excellent adhesive properties, suitable for use on low-speed mechanical components.

Compatible with all metals, thermosetting resins, thermosetting polymers, composites and elastomers.

AREAS OF USE

Plain bearings, hinges.

Power transmissions, roller chains, long-pitch chains, API-type chains, hollow rivet chains, leaf chains, slat band chains, fixed ratio transmissions, gearing.

Conventional geared transmissions, straight gearing, cylindrical gears, worm gears.

Information transmission, cams, tappets.

Guide systems, columns, slide rails.

Pumps, valves, block or gate valves.

Percolators, water heaters, meters, time stamp equipment, measuring equipment, marine equipment, radio navigation equipment, agitators, mixers, mills, presses, centrifuges, sterilisers, packaging machines, agricultural equipment, packers, closing/capping machines, shrink wrappers, press tools.

Any clean lubrication without risk of pollution.

Joint assembly.

Canning plants, bakeries, the manufacture of pastries, biscuits and confectionery,

Delicatessens, dairies, abattoirs, cattle feed,

Industrial ice cream-makers, breweries, mineral water manufacturing facilities,

Grape cultivation and wine-making operations,

Fruit and vegetable shipping companies.

TYPICAL PHYSICO-CHEMICAL CHARACTERISTICS

PHYSICAL CHARACTERISTICS OF THE GREASE			
PROPERTIES	STANDARD OR METHOD	VALUE	UNIT
Appearance	visual	smooth, viscous	nm

Colour	visual	colourless	nm
Apparent density at 25°C (pycnometer)	NF T 30 020	897	kg/m ³
NLGI Class	NLGI National Lubricating Grease Institute	2	Classification
Thickener	-	Organic	-
Solid lubricant content	-	Without	%
Penetrability at 25°C Non-worked	NF ISO 2137 / ASTM 2176	265-295	1/10° mm
Worked, 60 strokes		265-295	1/10° mm
Worked, 1,000 strokes		265-295	1/10° mm
Worked, 10,000 strokes		285-315	1/10° mm
Worked, 100,000 strokes		290-320	1/10° mm
Dropping point	NF ISO 2176 / ASTM D 566	Without	°C
Dropping point if greater than 360°C	ASTM D 2265	Infusible	
Impurities > 25 µm > 75 µm > 125 µm	FMTS 791 3005	0 0 0	nb/ml

PHYSICO-CHEMICAL CHARACTERISTICS OF THE BASE OIL

PROPERTIES	STANDARD OR METHOD	VALUE	UNIT
Type of base oil	-	Mineral	-
Kinematic viscosity at 40°C	NF EN ISO 3104	90	mm ² /s
		70	mm ² /s
Kinematic viscosity at 100°C			
Acid value (AV)	NF ISO 6618	0.0	mg KOH/l

PERFORMANCE CHARACTERISTICS

PROPERTIES	STANDARD OR METHOD	VALUE	UNIT
Oil separation, 7 days at 40°C (bleeding)	NF T 60 191	0	% of mass
Oil separation 24 hours at 41 kPa (bleeding under pressure)	ASTM D 1742	4	% of mass
Sulphated ashes	NF T 60 144	0.1	% of mass
Copper strip corrosion	ASTM D 4048	1a	Rating
Hoffman oxidation	ASTM D 942	5	psi
Loss by evaporation 22 hours at 121°C	ASTM D 972	6	% of mass
Noack evaporation loss	NF T 60 101 CEC L-40 A-93 ASTM D5800	7	% of mass
Elastomer swelling 70h at 121°C	ASTM D 4289.83	2.5	Dimensional variation %
Temperature ranges			
Continuous	-	-20 +150	°C
Peak	-	-20 +160	°C
Rotation factor	n.d _m	150,000	mm/min ⁻¹
4-ball test	ASTM D 2266 / ISO 20 623		
Wear scar diameter		0.80	mm
Wear load index		1600	N
TIMKEN Test	ASTM D 2509	20	lbs
EMCOR rust prevention test			
Dynamic	NF T 60 135	0-1	Rating
Static	ISO DP 6294/ ASTM D 1743	1	Rating
Resistance to water washout at 80°C	ASTM 1264	8	% of mass

* not measured or non-measurable

INSTRUCTIONS FOR USE

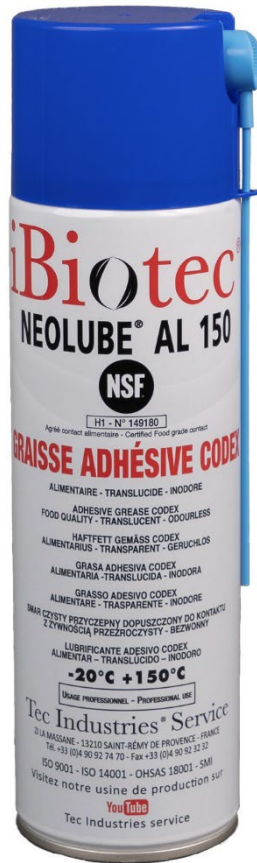
Shake the aerosol can vertically for a few moments after the ball in the can becomes detached. Spray at a distance of 15 to 25 cm depending on the size of the mechanism to be lubricated.

PRESENTATIONS



Nonfood Compounds
Program Listed (Category H1)
(Registration 149180)

Aerosol 650 ml



Nonfood Compounds
Program Listed (Category H1)
(Registration 149181)

Tin 1 L



Cartridge 430 ml



Non-flammable
and inert propellant
of natural origins
3%

Amount
of active substance
contained in the aerosol
97%

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USAGE RESERVE AUX UTILISATEURS PROFESSIONNELS

Consulter la fiche de données de sécurité.

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