

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

Data Sheet - Last update: 2025-02-13

iBiotec® NEOLUBE® F 350

PRECISION LUBRICATING OIL

CERTIFIED NSF H1

FOR THE FOOD INDUSTRY

CODEX LUBRICANT FOR THE PHARMACEUTICAL INDUSTRY

COLOURLESS, WITHOUT ODOUR, TASTELESS,

WITHOUT ORGANOLEPTIC EFFECTS

TEXTILE, PACKAGING, COSMETICS

PERFUME INDUSTRIES

LUBRICATION OF TRANSMISSIONS

(INFORMATION AND POWER).

**COMPATIBLE WITH ALL METALS, THERMOSETTING PLASTICS, THERMOPLASTICS,
ELASTOMERS**

DESCRIPTION

Fluid for the lubrication of precision mechanisms operating under low loads and at low speeds but for large numbers of cycles. Usable on all metals, plastics and elastomers. Does not stain ; odourless, tasteless.

Totally inert, chemically and biologically. Antioxidant, does not desiccate, does not rancidify.

Apolar and hydrophobic. Electrically insulating. Assembly, lubrication, demoulding and extrusion operations ; non-adhesive. Totally water-resistant.

Food processing, textile, packaging, watchmaking, pharmaceutical and cosmetics industries.

Precision equipment: photographic, reprographic and office automation equipment.

Rails, slides, hinges, hinged joints, locks, information transmission, cams, plungers, toggle mechanisms. Industrial sewing machines. Crimping mechanisms. Screwdriving operations. Use of PE film.

FIELDS OF USE

Lubrication of Sulzer weaving looms.

Sizing of sewing thread.

Lubrication of bobbins, winding frames, thread guides.

Assembly of O-rings, dynamic or static gaskets.

Assembly of waterbox gaskets.

Lubrication of elastomers and rubbers.

Demoulding of light alloys.

Assembly of elastomers on metal cores.
 Glide of tyres on conveyors.
 Internal lubrication of cables.
 Lubrication of Nylon rope.
 Lubrication of telescopic mechanisms.
 Lubrication of cams and plungers in the clock and watch industry.
 Lubrication of photographic, reprographic and office automation equipment.
 Die-cutting and drop forging of precision parts.
 Lubrication of clamps, riveted shafts, threaded assemblies.
 Fastenings, shafts, linkage, shutter guide rails, roller blinds.
 Locks, hinges.
 Lubrication of surgical instruments, hospital equipment.
 Demoulding of compressed powders.
 Manufacture of medication, encapsulation.
 Demoulding of foodstuffs, rusks.
 Lubrication of precision mechanisms, household appliances.
 Treatment of air filters.
 Protection of low voltage terminals and contacts.
 Lubrication of meters, switches, relays.
 Lubrication of pulleys, sheaves, zippers.

DIRECTIONS FOR USES

Shake the aerosol briefly, in an upanddown movement. Spray from a distance of 15 to 25 cm from the surfaces to be treated, depending on their dimensions. Aerosol usable in any position.

PHYSICO-CHEMICAL PROPERTIES TYPICALS

PHYSICAL PROPERTIES OF THE LUBRICATING OIL			
PROPERTIES	STANDARD or METHOD	VALUE	UNITS
Appearance	visual	Fluid	nm
Colour	Visual	Colourless	nm
Scent	Olfactory	No smell	nm
Density at 20°C	NF EN ISO 12.185	795	g/l
Nature of solid lubricants	-	Without	-
Nature of base oil	-	Mineral	-
Kinematic Viscosity Base oil at 40°C Base oil at 100°C	NF EN ISO 3,104	70 45	mm ² /s-1 mm ² /s-1
Sulphated ash	NF T 60.144	<0.01	%
Acid index (ai)	EN 14,104	<0.1	mg(KOH)/g
Closed-cup flash point	NF EN 22.719	220	°C
Self-combustion point	ASTM E 659	>280	°C
Freezing point	ISO 3016	-28	°C
Impurities > 25 µ > 75 µ > 125 µ	FMTS 791 3005	0 0 0	number/ml number/ml number/ml

PERFORMANCE PROPERTIES

PROPERTIES	STANDARD or METHOD	VALUE	UNITS
Utilisation temperature range	-	-20 +200	°C
Copper blade corrosion 24h 100°C	ISO 2160	1a	value

Loss by evaporation 22h at 121°C	ASTM D 972	<2	% mass
SHELL 4-ball test Impression diameter Weld load index	ISO 20.623 – ASTM D 2266	0.8 1800	mm daN
SRV test	ASTM D 5707	nm	coefficient
Elastomer swelling test (dimensional change)	FTM 791	< 0.005	%
Suppression of operating noise	FAG MMG 11	2	category
Maximum permitted speed	-	0.01	m/s-1
Water wash-off resistance at 80°C	ASTM 1264	-5.8	%
Cold starting torque at -20°C	ASTM D 1478- 63	10	N.cm

PRESENTATIONS



360°



3% FIREPROFF PROPELLANT
97% ACTIVE INGREDIENT

LAST 3 TIMES MORE
Atmospheric gas of natural origin non-flammable
Guaranteed without Butane Propane VOC highly inflammable
Guaranteed without HFC greenhouse effect fluorinated gas
Directive F.Gaz 5017.2014



Nonfood Compounds
Program Listed (Category H1)
(Registration 149260)

Aerosol 650 ml



Nonfood Compounds
Program Listed (Category H1)
(Registration 149261)



EXPIRY DATE
EXTENDED TO
5
Years

Can 20 L





Product for the food industry

Using a HACCP approach or method Analysis of dangers and critical points to control them ISO 22 000 CODEX ALIMENTARIUS

Category NSF:

H1 lubricant: usable in food manufacturing areas. Useable as an anti-corrosion agent, non-stick for oven door seals, lubricant for materials located in potential food-contact areas.

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USAGE RESERVE AUX UTILISATEURS PROFESSIONNELS
Consulter la fiche de données de sécurité.

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