



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

Datasheet - Last update: 1/24/2025

**ADHESIVE PENETRATING LUBRICANT
SPECIAL FOR TRANSMISSION CHAINS
LOW OR HIGH SPEED, OPEN DEVICES
EXTREME PRESSURE, ANTI-WEAR
RESISTANT TO THROW-OFF
HYDROFUGE, COMPLETELY RESISTANT TO WATER
iBiotec NEOLUBE® T 20**

DESCRIPTION

Foaming lubricant with a very high viscosity index, having remarkable adherence and penetration properties.

Particularly recommended for the lubrication of all types of chains: roller, long pitch, API type roller-less, hollow rivet, leaf chains and, in general, all open mechanisms with fast or slow movement.

The formulation of this product gives it the property of penetrating to the working surfaces, difficult to access, and reduce their wear.

Perfectly resistant to water, salt water, hot water and steam while providing good anti-corrosion protection.

Product not subject to dripping or throw-off in use.

Extremely neutral and chemically inert. High stability.

Reduces operating noise of roller drive chains, facilitates their mounting.

Regularises the running of toothed chain transmissions, reducing vibration.

To obtain the best possible performance, a chain lubricant must be applied to cleaned and degreased surfaces.

Use **iBiotec NEUTRALENE V 200** in aerosol, which combines high cleaning and degreasing power along with optimum mechanical action.

Continuous use temperature:

-30°C+140°C

APPLICATIONS

Lubrication of transmission, handling and lifting chains Agricultural chains

Lubrication of open mechanisms, sprockets, gears, pinions and endless screws.

Mechanical components subjected to water spray.

Competition motorcycle chain lubricant.

TYPICAL PHYSICAL-CHEMICAL PROPERTIES

PHYSICAL PROPERTIES OF THE LUBRICATING OIL			
PROPERTIES	STANDARD or METHOD	VALUE	UNITS
Appearance	visual	Flowing fluid	nm
Colour	Visual	amber	nm
Scent	Olfactory	light	nm
Density at 20°C	NF EN ISO 12.185	790	g/l
Nature of solid lubricants	-	Without	-
Nature of base oil	-	Polymer	-
Kinematic Viscosity at 40°C at 100°C	NF EN ISO 3,104	1,100 1,000	mm ² /s-1 mm ² /s-1
Sulphated ash	NF T 60.144	0.3	%
Acid index (ai)	EN 14,104	< 0.2	mg(KOH)/g
Closed-cup flash point	NF EN 22.719	190	°C
Self-combustion point	ASTM E 659	> 250	°C
Freezing point	ISO 3016	-35	°C
Impurities > 25 µ > 75 µ > 125 µ	FTMS 791 3005	0 0 0	number/ml number/ml number/ml
PERFORMANCE PROPERTIES			
PROPERTIES	STANDARD or METHOD	VALUE	UNITS
Utilisation temperature range	-	-30 +140	°C
Copper blade corrosion 24h 100°C	ISO 2160	1a	value
Loss by evaporation 22h at 121°C	ASTM D 972	<-0.5	% mass
SHELL 4-ball test Impression diameter Weld load index	ISO 20.623 – ASTM D 2266	0.67 3500	mm N
SRV test	ASTM D 5707	0.14	coefficient
Elastomer swelling test (dimensional change)	FTM 791	<+0.8	%
Suppression of operating noise	FAG MMG 11	I	category
Maximum permitted speed	-	0.5	m/s-1
Water wash-off resistance at 80°C	ASTM 1264	< 1	%
Cold starting torque at -20°C	ASTM D 1478-63	12	N.cm

*nm: not measured or cannot be measured

Aerosol 650 ml



iBiotec® Tec Industries®Service
 Z.I La Massane - 13210 Saint-Rémy de Provence – France
 Tél. +33(0)4 90 92 74 70 – Fax. +33 (0)4 90 92 32 32
www.ibiotec.fr

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

Les renseignements figurant sur ce document sont basés sur l'état actuel de nos connaissances relatives au produit concerné. Ils sont donnés de bonne foi. Les caractéristiques y figurant ne peuvent être en aucun cas considérées comme spécifications de vente. L'attention des utilisateurs est en outre attirée sur les risques éventuellement encourus lorsqu'un produit est utilisé à d'autres usages que ceux pour lequel il est conçu. Parallèlement, le client s'engage à accepter nos conditions générales de marché de fournitures dans leur totalité, et plus particulièrement la garantie et clause limitative et exonératoire de Responsabilité. Ce document correspond à des secrets commerciaux et industriels qui sont la propriété de Tec Industries Service et, constituant un élément valorisé de son actif, ne saurait être communiqué à des tiers en vertu de la loi du 11 juillet 1979.