

iBiotec®

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

Datasheet - Last update: 1/22/2025

iBiotec®

NEOLUBE® CT 20 AL

ADHESIVE PENETRATING LUBRICANT

FOOD GRADE CONTACT

LOW OR HIGH SPEED

OPEN DEVICES

EXTREME PRESSURE

ANTI-WEAR

RESISTANT TO THROW-OFF

HYDROFUGE

COMPLETELY RESISTANT TO WATER AND STEAM

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.

TYPICAL PHYSICAL-CHEMICAL PROPERTIES

| PHYSICAL PROPERTIES OF THE LUBRICATING OIL | | | |
|--|---------------------------|----------------|--|
| PROPERTIES | STANDARD or METHOD | VALUE | UNITS |
| Appearance | visual | Flowing fluid | - |
| Colour | Visual | amber | - |
| Scent | Olfactory | light | - |
| Density at 20°C | NF EN ISO 12.185 | 850 | g/l |
| Nature of solid lubricants | - | Perflon | - |
| Nature of base oil | - | Polymer | - |
| Kinematic Viscosity Base oil at 40°C Base oil 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 | 0.01 | % |
| 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 | 0.70 3500 | mm N |
| SRV test | ASTM D 5707 | 0.13 | 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 | 10 | N.cm |

*nm: not measured or cannot be measured

Aerosol 650 ml



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 Consulter la fiche de données de sécurité.

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