

WORKING TEMPERATURES

Greases alter, are oxidised and lose their viscosity at high temperatures. Their service life and that of your equipment are compromised. At high temperatures CONDAT MILLENIUM is differentiated by its properties.

	CONDAT MILLENIUM	BENTONE	LITHIUM	LITHIUM CALCIUM	LITHIUM COMPLEX	POLYCARBAMIDE
Drop point NFT 60-102	317°C	300°C	200°C	180°C	250°C	230°C
Resistance to Oxidation ASRM D 942 500H/ 100°C	8 KPa	14 KPa	15 KPa	93 KPa	78 KPa	120 KPa
Bearing test FTM ASTM D 336 5000rpm at 150°C	>1000 h	1000 h	300 h	600 h	650 h	300 h

CONDAT MILLENIUM does not leak, does not harden,
its service life is 35% higher than that
of other greases.



CONDAT MILLENIUM is the
reference multi-service grease

CONDAT MILLENIUM's combined performances
exceed those of all other complex soap greases.

Using CONDAT MILLENIUM gives faultless lubrication leading to:

- a reduction in your grease consumption,
- a significant reduction in top up frequency and a lightening of your maintenance load,
- a significantly better level of service,
- optimisation of your stock.



CONDAT MILLENIUM

HIGH TECHNOLOGY GREASE

FOR A LONG EQUIPMENT SERVICE LIFE



CONDAT MILLENIUM

HIGH TECHNOLOGY GREASE

Faced with productivity constraints, you need to find higher performance greases to increase the service life of your equipment and reduce its maintenance.

CONDAT's 150 years of expertise in the grease sector makes it possible for it to propose **CONDAT MILLENIUM**.

CONDAT MILLENIUM is the result of latest generation chemistry and is composed of calcium sulphonates in a high viscosity oil. It has become the reference in lubrication in all conditions, even the most severe.

Use CONDAT MILLENIUM to lubricate most of your mechanisms: sleeve bearings, anti-friction bearings, shafts, ball bearings, roller bearings,... used in all sectors of activity: Public works, Quarries and sand pits, Paper and Cardboard industry, Cement works, Metallurgy, Steel industry, Mines, Port equipment, Merchant shipping and Navy, etc.

CONDAT MILLENIUM's exceptional performances are:

- mechanical stability,
- high pressure resistance,
- strong adherence and water repellent, as well as excellent anti-corrosion properties,
- excellent behaviour over a wide range of temperatures,

and it has **highly versatile uses** and a **service life significantly longer** than classic greases.



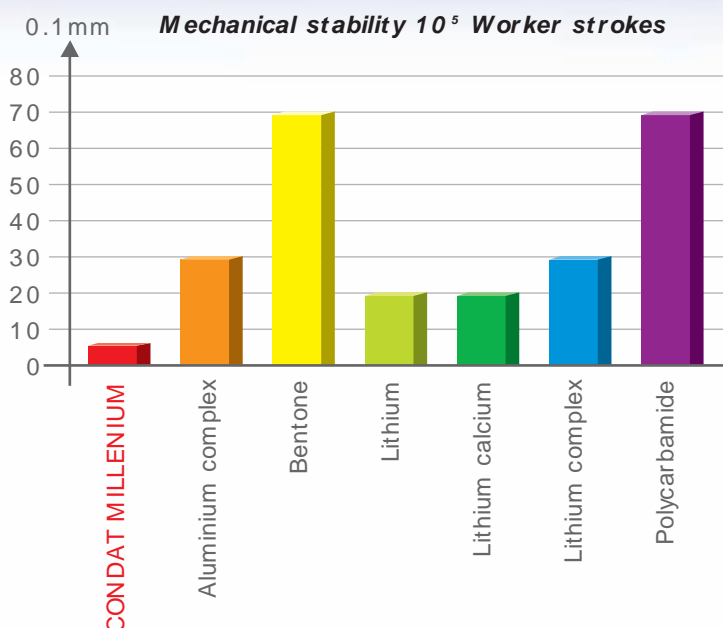
MAKE LIFE EASIER!

MECHANICAL STABILITY

The 100,000 stroke Worker test is used to assess shear strengths under mechanical strains.

When subjected to shearing, grease loses its consistency, softens, its adherence diminishes, causing leaks.

This results in increased grease consumption and the risk of possible mechanical failures.



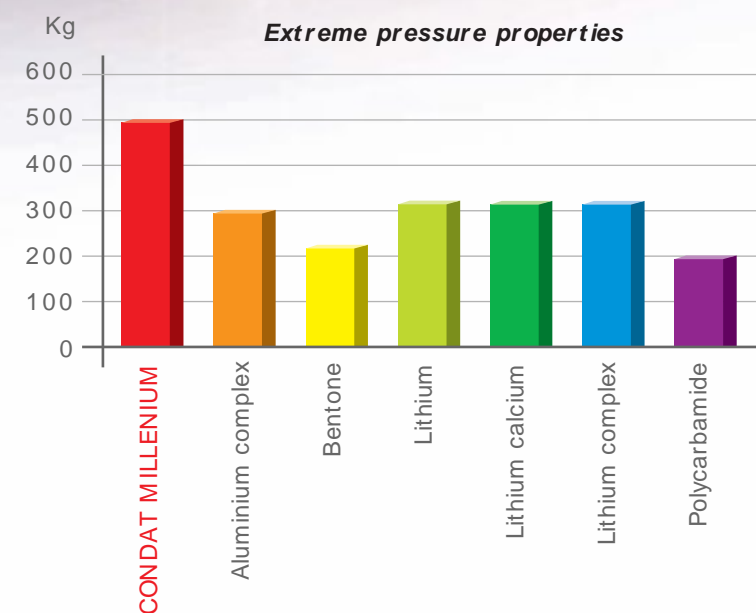
CONDAT MILLENIUM remains 4 times more stable than other greases. Consumption is therefore divided by 4.

LOAD RESISTANCE

Mechanical parts can be subjected to all lubrication systems and are often subjected to loads in excess of the performances they were initially designed to bear.

The grease must be capable of mitigating these overloads thanks to the adapted viscosity of its base oil and faultless additives, in order to guarantee the service life of your equipment. CONDAT MILLENIUM perfectly meets these requirements without the addition of heavy metals or dry lubricants to its formula.

CONDAT MILLENIUM can withstand very heavy loads without any risk of wear on your equipment.



For identical base oil viscosity, type and quantity of additives

BEHAVIOUR WITH WATER

Although most greases are water repellent, they are only so for a limited amount of time. In the presence of water a classic grease ends up losing its consistency and its sealing properties: lubrication and corrosion protection are altered resulting in the need for frequent top-ups.

CONDAT MILLENIUM accepts up to 40 % water without loss of consistency and continues to protect the exposed mechanical parts.

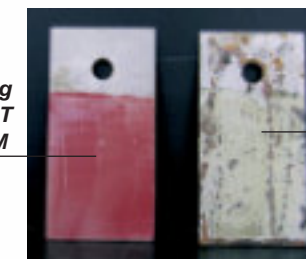
Stability of the grease in the presence of water



Paper machine bearing: 13 months without topping up.

Anti-corrosion protection

Using CONDAT MILLENIUM



Using a classic grease

