



TOTAL Greases Key Range

TOTAL Greases

A full range of greases for industrial applications

Total has over 40 years experience in the development and manufacturing of grease products. To support this endeavor we have high technology research centers and dedicated teams. Our greases are sold in over 150 countries worldwide. Our range extends from simple soap like lithium & calcium, to higher technology complex soaps such as lithium complex, overbased calcium sulfonate complex, aluminum complex as well as polyurea, and fluorinated greases for use in extreme environments.

Your Constraints

- **High costs of equipment failures** and shutdowns
- **Cost reduction** pressures to reduce grease consumption & increase maintenance intervals
- **Severe operating conditions:** water, corrosion, wide range of operating speeds, extreme temperatures and heavy loads, dust and particulates in the environment
- Compliance with **stringent environmental, hygiene and safety** regulations

Our Solutions

- **Full range of greases** satisfying the needs of all industrial applications and international specifications, including:
 - Greases for **heavily loaded applications** encountered in Steel and Cement manufacturing or Mining
 - Water washout and corrosion experienced in the pulp and paper industry
 - **ISO 21469 certified and NSF H1 registered food-grade greases** designed for food and beverage manufacturing
 - **Biodegradable greases** designed for outdoor applications such as forestry, agriculture, marine and hydroelectric power generation
- **Customer services and technical assistance** provided by dedicated professional teams

Your Benefits

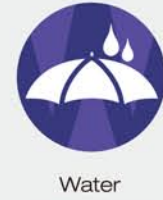
- **Increase equipment reliability** and operation performance
- **Reduce operating and maintenance costs** through less machine downtime and longer lubrication intervals
- **Mitigate any potential harmful effects** to the environment and to your end-customers



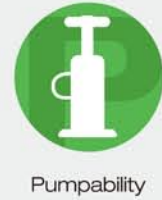
Load



Adhesiveness



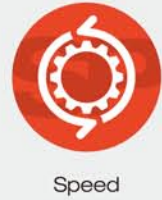
Water
Resistance



Pumpability



Mechanical
Stability



Speed
Property



Food Grade



Biodegradable



Synthetic



with Mos2



Graphite



Standard



Good



Excellent



Outstanding

Greases Key Range

NLGI Grade
Base Oil Viscosity @ 40°C

Operating Temperature

MULTIS 2	2	120		•	•	•	•••	••	Med
MULTIS 3	3	120		•	•	•	•••	••	Med
MULTIS EP 00	00	150		•	•	•	•••	•	Med
MULTIS EP 0	0	150		•	•	•	•••	•	Med
MULTIS EP 1	1	150		•	••	•	•••	••	Med
MULTIS EP 2	2	150		•	••	•	•••	••	Med
MULTIS EP 3	3	150		•	••	•	•••	•	Med
MULTIS MS 2	2	150		•	••	•	•••	••	Med

Greases Key Range

NLGI Grade
Base Oil Viscosity @ 40°C

Operating Temperature

MULTIS COMPLEX EP 2	2	165		••	•	••	•••	••	Med
MULTIS COMPLEX EP 3	3	165		••	•	••	••	••	Med
MULTIS COMPLEX HV 2	2	340		•••	••	••	••	••	Med
MULTIS COMPLEX XHV 2 Moly	2	800		••••	•••	••	••	••	Low
MULTIS COMPLEX SHD 220	2	220		••	•	••	•••	••	Med

Greases Key Range

NLGI Grade
Base Oil Viscosity @ 40°C

Operating Temperature

BIOMULTIS EP 2	2	150		••	•	•	•••	••	Med
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Greases Key Range

NLGI Grade
Base Oil Viscosity @ 40°C

Operating Temperature

CERAN XM 100	1.5	100		•••	•	••••	•••	•••	Med
CERAN XM 220	1.5	220		•••	•	••••	•••	•••	Med
CERAN XM 460	1.5	460		•••	••	••••	••	•••	Low
NEVASTANE XS 80	1.5	80		•••	•	••••	•••	•••	High
NEVASTANE XS 320	1.5	320		•••	•	••••	•••	•••	Med
CERAN AD PLUS	0.5	>1700		••	••••	••••	•	•	Low
CERAN MS	1.5	650		•••	••	••••	•	•••	Low

Greases Key Range

NLGI Grade
Base Oil Viscosity @ 40°C

Operating Temperature

NEVASTANE XMF 00	00	120		••	•	•••	•••	••	High
NEVASTANE XMF 0	0	120		••	•	•••	•••	••	High
NEVASTANE XMF 1	1	120		••	••	•••	•••	••	High
NEVASTANE XMF 2	2	120		••	••	•••	•••	••	High
COPAL OGL 0	0/00	>1000		••••	••••	••••	•••	••	Low
COPAL OGL 2	2	>1000		••••	••••	••••	•	••	Low

Greases Key Range

NLGI Grade
Base Oil Viscosity @ 40°C

Operating Temperature

ALTIS EM 2	2	110		•	•	••	••	••	High
ALTIS SH 2	2	80		•	•	••	•••	••	High

Greases Key Range

NLGI Grade
Base Oil Viscosity @ 40°C

Operating Temperature

STATERMIC NR	2	375		••••	••••	••••	•	•••	Med
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Greasymat®

3 types of greases for use with Greasymat® have been carefully selected to meet all your applications:



CERAN XM 220

High quality, multi use and EP grease with good resistance to water

Soap:
Calcium Sulfonate Complex
NLGI grade: 1-2
Operating temperature:
-30°C to +180°C

NEVASTANE XS 80

High performance, multi use and EP synthetic grease, suitable for incidental food contact

Soap:
Calcium Sulfonate Complex
NLGI grade: 1-2
Operating temperature:
-50°C to +160°C

ALTIS SH 2

Very high performance synthetic grease

Soap:
Polyurea
NLGI grade: 2
Operating temperature:
-40°C to +180°C

Lube-Shuttle®

A new solution specially designed for you



The Cartridge

- Economical**
No grease remains in the cartridge
- Clean**
The grease doesn't spill when loaded
- Practical**
No tool needed to open the cartridge
- Eco-friendly Recycled Cartridge**
- Identification At A Glance**
The type of grease is easily identifiable

Hand Free Grease Gun

- Practical**
Operated with just one hand
- Easy**
Easy to use

* Available CERAN XM, NEVASTANE XMF, NEVASTANE XS

A major player

With our production, supply chain and commercial presence in more than **150 countries**, we deliver a full range of lubricants to **cover all your needs**.

Support and partnership

Thanks to local technical presence, we provide a high level of service to optimize your **Total Cost of Ownership**.

References & OEMs

TOTAL Lubrifiants cooperates with **equipment manufacturers** to create high-technology products for optimal **performance** and **protection** of your machinery.

5 good reasons for choosing TOTAL

Quality and environment

TOTAL Lubrifiants **ISO 9001 certification** is the guarantee of a **long term commitment** to quality. From the initial design stage, our R&D teams seek to develop products that **minimize toxicity risks** and **environmental impact**.

Innovation & Research

TOTAL invests in biotechnologies to find the most suitable components to reach **energy efficiency** through formulations designed in our Research Centers.

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The right choice in lubricants

TOTAL

TOTAL Greases

Rely on high technology greases for severe applications



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