



Heavy Duty Off-Road **Grease Range**

A wide range of high-performance greases recommended for Heavy Duty applications by major manufacturers of the industry.



TotalEnergies

TotalEnergies

a multi-energy company

With a presence in **more than 150 countries**, TotalEnergies is a strong partner of choice for fuel and lubricants for its customers. Through innovation and technology leadership, TotalEnergies develops **a broad range of high quality petroleum products**. Each product is designed to suit customer specific needs for use in the harshest conditions.

TotalEnergies continuously **invests in R&D**, cooperates closely with equipment manufacturers, and carries out field tests to **improve product formulations**, to **ensure maximum performance**, and to **minimise customers' operating costs**.

TotalEnergies

By numbers



5800
Employees



130
Researchers



160
Countries

GREASES

Innovation is at the core of our DNA

TotalEnergies Lubrifiants is a major, internationally recognized player in the development, production, and marketing of **a full range of high performance lubricating greases**.

With over 90 years of experience, TotalEnergies Lubricants offers a comprehensive range of innovative lubricating solutions. Our greases are engineered to withstand the extreme conditions of Off-Road applications, providing **optimal performance and reliability**.

TotalEnergies Grease that are recommended for HD applications :

MULTIS

Multis range is a complete range of Lithium and Lithium Complex greases covering automotive and industrial applications. From standard multipurpose to specialty greases, Multis is covering most of the needs in Off Road segment.

CERAN

Beyond premium greases. At the cutting edge of sustainable technology. All in one product: Ceran is your best choice in severe lubricating conditions where water is omnipresent, in heavy load and high temperature environments.

BIO-GREASES

Bio-based and biodegradable solutions. Synthetic ester-based Lithium greases with outstanding performance, especially for low temperature.

LUBRILOG

Specialized in the conception of specialty lubricants, **Lubrilog offers full ranges of advanced solutions** to meet the demanding Lubricant needs of any industry. Thanks to a high-performance lubricants, Lubrilog offers the scope to improve the productivity and efficiency of the Off-Road equipment.

COPAL

Copal range consists of Aluminium complex greases. This technology provides high temperature resistance, excellent adhesiveness and pumpability. Thanks to its specific performances, this range is dedicated to lubrication of specific application such as Open-Gear Lubrication and Hydraulic Breaker.

MULTIS RANGE

MULTIPURPOSE GREASES AND BEYOND

A complete range of lithium greases for the Off-Road applications.
From standart multipurpose to specialty greases, available in a wide range of NLGI grades.

PRODUCT NAME	NLGI GRADE	STRENGTH	TEMPERATURE RANGE (°C)		BASE OIL VISCOSITY @40°C (CST)	LOAD RESISTANCE	WATER RESISTANCE	HIGH SPEED APPLICABILITY	APPROVED BY/ MEETS THE REQUIREMENTS/ SUITABLE FOR :	TYPICAL APPLICATIONS
MINERAL RANGE										
Multis EP	000, 00, 0, 1, 2, 3	Multipurpose EP grease	(-)35 to 120°C		150	..	..	...	80 plus approvals and recommendations	
Multis XHV 2	2	Extra High Viscosity (XHV)	(-)20 to 120°C		1300	...	...	.	Komatsu	
Multis MS 2	2	Molybdene disulfide boosted grease	(-)25 to 130°C		150	...	..	.	Pfeiffer Vacuum / Komatsu	
Multis HP Moly	0, 1, 2	Extreme load, shocks	(-)30 to 120°C		460	....	...	.	Liebherr / P&H / Komatsu / Hitachi / Volvo / Epiroc / Sandvik / JCB / Atlas Copco	
Multis HP Moly HD	0, 1, 2	Extreme load, shocks	(-)30 to 120 °C		460	.....	...	.	Caterpillar/ Liebherr/ P&H/ Komatsu/ Hitachi/ Volvo/ Epiroc/ Sandvik/ JCB/ Atlas Copco	
Multis Complex EP	1, 2, 3	Premium multipurpose grease	(-)20 to 160°C		165	..	..	..	Metso Outotec / Pfeiffer Vacuum / Thyssen Krupp / Voith Turbo	
Multis Complex MHD 220	2	Premium multipurpose grease	(-)20 to 160°C		220	..	...	..
Multis Complex HV 2	2	Load, shocks	(-)30 to 160°C		340	...	...	.	Metso Outotec and Minerals / Loesche / Andritz / FLSchmidt	
Multis Complex HV Moly	0, 2	Extreme load, shocks	(-)40 to 160 °C		340	....	...	.	Liebherr / Voith Turbo	
Mutis Complex XHV 2 Moly	2	Extreme load, shocks	(-)20 to 160°C		800	....	...	.	Liebherr / P&H / Komatsu / Hitachi / Volvo / Epiroc / Sandvik / JCB / Atlas Copco	
SYNTHETIC RANGE										
Multis Complex SHD 220	2	Extremely low temperature, heavy-duty	(-)50 to 160°C		220	...	...	...	Metso Outotec / Voith Turbo amd 452.1 / Danieli	
Multis Complex SHD 460	1.5		(-)40 to 160°C		460	...	...	..	Komatsu CLS / Sandvik Aubema / Danieli / Loesche	

BIO-GREASES

SUSTAINABILITY & PERFORMANCE

TotalEnergies Biogreases can provide a solution with low temperature, high-load resistance and biodegradable range.

SYNTHETIC RANGE										
Biomultis EP	0, 1, 2	Biodegradable, medium load,low temperature	(-)50 to 160°C		150	..	...	...	ZAE	
Biomultis XHV 2	2	Biodegradable, extreme load, shock	(-)45 to 140°C		680	....	....	.	Liebherr / Cat / Komatsu / Hitachi / Volvo / Epiroc / Atlac Copco	

Gears

Bearings

Pin & Bushes

Swing gears

High loaded roller bearings

Couplings

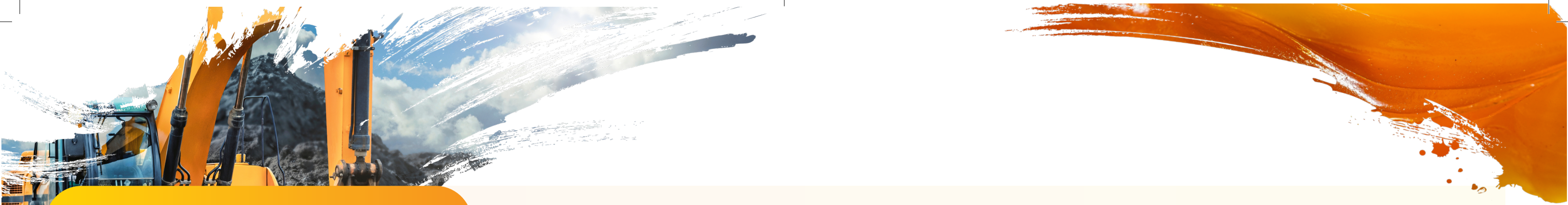
Open gears

Fans

Crushers

Finishers







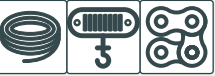
Multi Purpose Grease



CERAN RANGE

A PROVEN TECHNOLOGY

A wide range of high performance calcium sulfonate complex greases.

PRODUCT NAME		NLGI GRADE	STRENGTH	TEMPERATURE RANGE (°C)		BASE OIL VISCOSITY @40°C (CST)	LOAD RESISTANCE	WATER RESISTANCE	HIGH SPEED APPLICABILITY	APPROVED BY/ MEETS THE REQUIREMENTS/ SUITABLE FOR :	TYPICAL APPLICATIONS
MINERAL RANGE											
Ceran XM 220	●	1.5	Extreme load, shocks, Water-resistance and corrosion resistance	(-)30 to 180°C		220	....	.....	•	Voith Paper / Rothe Erde / Kocks / Toscotec / SMS / Danieli / Danieli Fröhling / Bühler / Lemo / KHD	
Ceran XM 220 Moly	●	1.5		(-)30 to 180°C		220	.....	.....	•	Hilleader / Quantong Paper / SLMC Paper	
Ceran XM 460	●	1.5		(-)25 to 180°C		460	....	.....	•	Voith Paper / Danieli / SMS / Bühler / Allmineral / Polysius / Münch / Rothe Erde / Andritz Feed & Biofuel / Van Aarsen / Amandus Kahl	
Ceran XM 460 Moly	●	1.5		(-)20 to 180°C		460	.....	.....	•	Caterpillar / Liebherr / P&H / Komatsu / Hitachi / Volvo / Epiroc / Sandvik / JCB / Atlas Copco	
SPECIFIC APPLICATIONS											
Ceran AD Plus	●	0.5	Excellent adhesiveness, high load resistance	(-)20 to 150°C		>1700	....	....	•	Danieli	
Ceran MS	●	1.5	Extreme pressure multipurpose grease adapted to very heavy loads and very high temperatures	(-)20 to 180°C		650	....	....	•	Sinoma / Danieli / SMS	
Ceran CA	●	0	Semi-fluid adhesive and extreme pressure grease for metal cables, rails, winches, chain	(-)25 to 150°C		325	....	....	•	Masa/Unimec	

COPAL

CUTTING-EDGE TECHNOLOGY FOR EXTREME APPLICATIONS

Designed to offer optimum protection in extreme conditions, thanks to its specific formula

MINERAL RANGE

Copal Hammer Grease	●	2	High temperature, high load resistance, excellent adhesiveness	(-)25 to 1100°C		350	Montabert	
---------------------	---	---	--	-----------------	--	-----	------	------	-----	-----------	--

Gears

Bearings

Pin & Bushes

Swing gears

High loaded roller bearings

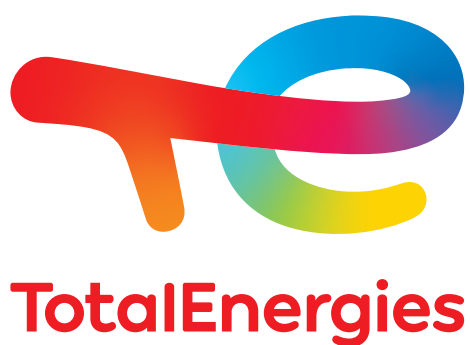
Closed gears

Chains

Winches

Wire rope

Hydraulic Breaker / Rock Breaker Jack Hammer



TotalEnergies Lubrifiants

562 avenue du Parc de l'Île
92029 NANTERRE Cedex
FRANCE

Greases Range
Brochure – 2024/12



lubricants.totalenergies.com



TotalEnergies Construction & Earth-Moving Solutions

✉ ms.industry@totalenergies.com
Safety Data Sheets are available at ms-sds.totalenergies.com