

Greases

CALCIUM SULFONATE COMPLEX GREASES



CERAN products are high technology greases developed by TOTAL over many years. They are based on Calcium Sulfonate Complex thickener providing their outstanding resistance to water, wear and load and mechanical stability.

CERAN greases are suitable for heavy loaded application over a wide range of temperature.

CERAN range are the products of choice of many industries around the world because of their reputation for exceptional performance, quality and reliability.

MINERAL GREASES							CERAN		
PRODUCT	APPLICATIONS	SPECIFIC ADVANTAGES	THICKENER	NLGI GRADE	BO VISCOSITY*	OPERATING TEMPERATURE RANGE	SPECIFICATIONS		
							ISO 6743-9	DIN 51502	
CERAN XM 100	<ul style="list-style-type: none"> High performance, Extreme Pressure grease for high speed applications over a wide range of temperature. Recommended for high speed bearings in the Paper Industry. Suitable for heavy-duty and off-roof applications in civil engineering and industry. 	<ul style="list-style-type: none"> Excellent water resistance. High speed applications. Extended relubrication intervals. 	Calcium Sulfonate Complex	1.5	100	-30 °C to +180 °C	L-XCFIB 1/2	KP1/2R-30	
CERAN XM 220	<ul style="list-style-type: none"> Extreme Pressure, high performance, multipurpose, grease. Recommended for the lubrication of severe industrial applications in extreme conditions (high load, temperature, water, dust) such as continuous castings and rolling mills in steel plants, bearings in wet and dry (felt rolls) sections of paper mills. 	<ul style="list-style-type: none"> Excellent water resistance. Highly load applications. Extended relubrication intervals. Enables inventory rationalization. 	Calcium Sulfonate Complex	1.5	220	-30 °C to +180 °C	LXCFIB 1/2	KP1/2R-30	
CERAN XM 220 MOLY	<ul style="list-style-type: none"> Extreme Pressure, high performance, multipurpose grease for heavy-duty automotive and industrial applications such as Mining Industry in temperate and warm areas. Recommended for loaded applications in severe environment (shocks, water, dust). 	<ul style="list-style-type: none"> Contains 5% MoS₂. Highly loaded applications. Outstanding water resistance. Good anti corrosion properties. 	Calcium Sulfonate Complex	1.5	220	-30 °C to +180 °C	L-XCFIB 1/2	KP1/2R-30	
CERAN XM 320 (ex CERAN PM)	<ul style="list-style-type: none"> Extreme Pressure, high performance, multipurpose grease designed for the lubrication of industrial bearings working under high temperatures and high loads in the wet and dry section of paper machines. 	<ul style="list-style-type: none"> Excellent water resistance. Highly load applications. Excellent anti-oxidation and anti-corrosion properties. 	Calcium Sulfonate Complex	1.5	320	-25 °C to +180 °C	L-XBFIB 1/2	KP1/2R -25	
CERAN XM 460	<ul style="list-style-type: none"> Extreme Pressure, very high performance, multipurpose grease for shocks loaded industrial applications at high temperatures. Recommended for the lubrication of bearings in steel plants, in Paper Industry, for the lubrication of hard wood granular presses and in all industrial applications under severe conditions (water, dust). 	<ul style="list-style-type: none"> Excellent water resistance. Highly loaded applications. Extended relubrication intervals. Good anti corrosion properties. 	Calcium Sulfonate Complex	1.5	460	-25 °C to +180 °C	L-XBFIB 1/2	KP1/2R-25	
CERAN XM 720	<ul style="list-style-type: none"> Extreme Pressure, very high performance, multipurpose grease for heavy loaded industrial applications at high temperatures. Recommended for Heavy duty industrial applications (heavy loads, high temperatures, water, dust). Especially developed for extremely loaded applications such as Steel Industry. 	<ul style="list-style-type: none"> Excellent water resistance. Very highly loaded applications. Extended relubrication intervals. Good anti corrosion properties. 	Calcium Sulfonate Complex	1.5	720	-25 °C to +180 °C	L-XBFHB 1/2	KP1/2R-25	

* Typical kinematic viscosity of base oil at 40 °C in mm²/s

Available in Lube-Shuttle cartridges



BIODEGRADABLE



H1 suitable for incidental food contact

3H suitable for direct food contact

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SYNTHETIC GREASES							CERAN	
PRODUCT	APPLICATIONS	SPECIFIC ADVANTAGES	THICKENER	NLGI GRADE	BO VISCOSITY*	OPERATING TEMPERATURE RANGE	SPECIFICATIONS	
							ISO 6743-9	DIN 51502
CERAN XS 80	<ul style="list-style-type: none"> Very high performance, Extreme Pressure, synthetic grease designed for high speed applications over a wide range of temperature. 	<ul style="list-style-type: none"> Very low temperature. Excellent water resistance. Long service life. Reduced energy consumption. 	Calcium Sulfonate Complex	1.5	80	-55 °C to +180 °C	L-XEFFF 1/2	KP1/2R-55
CERAN XS 320	<ul style="list-style-type: none"> Very high performance, Extreme Pressure, synthetic grease designed for loaded applications over a wide range of temperature under severe conditions. 	<ul style="list-style-type: none"> Outstanding resistance to loads and shocks. Excellent water resistance. Suitable for very low temperatures. 	Calcium Sulfonate Complex	1.5	320	-40 °C to +180 °C	L-XDFFF 1/2	KP1/2R-40
CERAN XS 40 MOLY	<ul style="list-style-type: none"> Very high performance, Extreme Pressure, synthetic grease designed for heavy-duty equipment in arctic conditions. Recommended for automotive and industrial applications in Mining Industry. 	<ul style="list-style-type: none"> Contains 5% MoS₂. Outstanding resistance to loads and shocks. Excellent water resistance. Suitable for very low temperatures. 	Calcium Sulfonate Complex	1.5	40	-60 °C to +180 °C	L-XEFFF 1/2	KP1/2R-60

SPECIALITIES							CERAN	
PRODUCT	APPLICATIONS	SPECIFIC ADVANTAGES	THICKENER	NLGI GRADE	BO VISCOSITY*	OPERATING TEMPERATURE RANGE	SPECIFICATIONS	
							ISO 6743-9	DIN 51502
CERAN CA	<ul style="list-style-type: none"> Semi-fluid and Extreme Pressure adhesive grease for metal cables, rails, winches and chains. 	<ul style="list-style-type: none"> Outstanding resistance to water. Extended life of parts subjected to heavy loads. 	Calcium Sulfonate Complex	0	325	-25 °C to +150 °C	L-XBDIB 0	OGPON-25
CERAN AD PLUS	<ul style="list-style-type: none"> Highly adhesive, Extreme Pressure grease adapted to severe conditions. Recommended for metal cables. Suitable for applications in cement plants, mines, quarries, offshore, marine. 	<ul style="list-style-type: none"> Excellent water resistance with no consistency lost. Very adhesive on metal surfaces. Extended relubrication intervals. 	Calcium Sulfonate Complex	0.5	> 1700	-20 °C to +150 °C	L-XBDIB 0	OGPON-20
CERAN ST 2	<ul style="list-style-type: none"> Highly adhesive, Extreme Pressure grease adapted to the presence of water, high temperatures and heavy loads. Suitable for multi-purpose applications in industry (coiler, rolling mill) and offshore environment (cables, gears, screen eccentric bearing). 	<ul style="list-style-type: none"> Contains 6.5% Graphite and 1% MoS₂. Good adhesiveness. Extended service life. 	Calcium Sulfonate Complex	2	180	-25 °C to + 180 °C	L-XBFIB 2	KP2R-25
CERAN GEP	<ul style="list-style-type: none"> Adhesive and Extreme Pressure semi-fluid grease, adapted to high temperatures and heavy loaded applications. Recommended for gears, transmissions and open gears of sugar cane mills. 	<ul style="list-style-type: none"> Contains 2% MoS₂. Extended service life. Very good adhesiveness. 	Calcium Sulfonate Complex	1.5	650	-20 °C to + 180 °C	L-XBFHB 1/2	KPF1/2R-20

* Typical kinematic viscosity of base oil at 40 °C in mm²/s



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The **TOTAL NEVASTANE XS** range is specially designed for the Food Industry. As high performance products, they provide equipment protection and extended service life while securing the production chain.

The **TOTAL NEVASTANE XS** range is NF H1 registered and Kosher and Halal certified. These greases are produced in ISO 21469 certified plants. The **TOTAL NEVASTANE XS** range exists in different based oil viscosities.

CALCIUM SULFONATE COMPLEX GREASES							TOTAL NEVASTANE		
PRODUCT	APPLICATIONS	SPECIFIC ADVANTAGES	THICKENER	NLGI GRADE	BO VISCOSITY*	OPERATING TEMPERATURE RANGE	SPECIFICATIONS		
							REGISTRATION	ISO 6743-9	DIN 51502
 TOTAL NEVASTANE XS 80	<ul style="list-style-type: none"> • Extreme Pressure, very high performances synthetic grease for high speed and very low temperatures applications in Food Processing Industry. • Bearings at low temperatures. Oven turbines. • Sterilisers. Freezing tunnels. 	<ul style="list-style-type: none"> • Very low temperature. • Excellent water resistance. • Long service life. • Reduced energy consumption. 	Calcium Sulfonate Complex	1.5	80	-55 °C to +180 °C	NSF H1 ISO 21469 KOSHER HALAL	L-XEFFB 1/2	KP1/2R-55
 TOTAL NEVASTANE XS 220	<ul style="list-style-type: none"> • Extreme Pressure, very high performances synthetic grease for multipurpose application in Food Processing Industry over a wide range of temperatures. • Bearings under loads and subject to shocks. 		Calcium Sulfonate Complex	1.5	220	-40 °C to +180 °C	NSF H1 ISO 21469 KOSHER HALAL	L-XDDIB 1/2	KP1/2R-40
 TOTAL NEVASTANE XS 320	<ul style="list-style-type: none"> • Extreme Pressure, very high performances synthetic grease for loaded application in Food Processing Industry. • Suitable for pelleting machines. • Bearings under loads and subject to shocks. 		Calcium Sulfonate Complex	1.5	320	-40 °C to +180 °C	NSF H1 ISO 21469 KOSHER HALAL	L-XDFFB 1/2	KP1/2R-40

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