

# CASSIDA Food Grade Lubricants

## Product Overview and Application Guide























**LUBRITECH**  
Special Application Lubricants














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# Overview of CASSIDA Products

Application	Symbol	Product	Benefits
<b>Bearings – rolling element</b> Regular load		CASSIDA GREASE RLS Series	Multipurpose lubricant for regularly loaded bearings. Good adhesive properties and water resistance
		FM GREASE 387	Good anti-corrosion properties and water resistance
		FM GREASE CLEAR Series	Clear/translucent
<b>Bearings – rolling element</b> Extreme pressure	 	CASSIDA GREASE EPS Series	Outstanding protection against wear and rust
		CASSIDA GREASE GTS 2	Calcium sulfonate complex multipurpose grease suitable for bearings under extreme conditions and/or high speed
		FM GREASE AX/EP Series	Outstanding protection against wear and rust
		FM GREASE CSC EP Series	Excellent protection against wear and corrosion. Excellent water tolerance
<b>Bearings – rolling element</b> Heavy duty	 	CASSIDA GREASE HDS 2	Protection for heavily loaded or slow-moving bearings with excellent water resistance
		CASSIDA GREASE GTX 2	Calcium sulfonate complex grease for heavily loaded or slow-moving bearings
		FM GREASE 2	Protection for heavily loaded or slow-moving bearings with excellent water resistance
<b>Bearings – rolling element</b> High temperature	 	CASSIDA GREASE HT SW2*	High operating temperature, contains PTFE, operating temperature up to +392°F (peak up to +428°F)
<b>Bearings – rolling element</b> Low temperature	 	CASSIDA GREASE LTS 1	Operating temperature down to –58°F/–50°C
<b>Can seamer lubrication systems and gearboxes</b> <b>Can seamer lubrication systems, Ferrum</b> <b>Can seamer lubrication systems, PS Angelus</b>	 	CASSIDA FLUID GLE Series	Keeps machine clean and protects against wear and corrosion for recirculating systems
		CASSIDA FLUID CR 100	Keeps machine clean and protects against wear and corrosion
		FM GEAR OIL TLS 150	White mineral oil fluid for enhanced performance for total loss systems
		FM SEAMER OIL 150	White mineral oil fluid for enhanced performance for total loss systems
<b>Can seamer roll head bearings</b> (grease lubricated)	 	CASSIDA GREASE RLS 1	Protects against wear and corrosion; good resistance to water washout
<b>Chains and conveyors</b>	   	CASSIDA CHAIN OIL Series	Outstanding adhesion to metal surfaces and excellent water resistance
		CASSIDA CHAIN OIL LT	Operating temperature down to –58°F/–50°C
		CASSIDA CHAIN OIL HT 220	High temperature chain oil for bakeries (up to +464°F/+240°C)
		FM CHAIN OIL 100	Excellent adhesion, resists fling-off, and high water resistance
<b>Compressors – rotary vane and screw</b>		CASSIDA FLUID CR Series	Longer oil change intervals with less wear; does not add odor to compressed air
<b>Gears – enclosed</b> Helical – spur Bevel – worm	 	CASSIDA FLUID GL Series	Excellent load-carrying properties for a wide range of applications
		CASSIDA FLUID WG Series	Specialty worm gear oils, improved gear efficiency
		CASSIDA GREASE EPS 00	Excellent adhesive qualities – reduces leaks from gearbox
		CASSIDA GREASE SGG 000	Maximum performance – reduces leaks from gearbox
		FM GEAR OIL Series	Fully formulated gear oil

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Application	Symbol	Product	Benefits
Direct food contact – multiple applications		FM GREASE DC 2	3H-registered white mineral oil grease for direct food contact applications
General-purpose machine oil		FM FLUID RO Series	Excellent corrosion prevention
Gears – open		CASSIDA GREASE HDS 00	Excellent adhesion and water resistance
Heat transfer		FM HEAT TRANSFER FLUID 32	Enhanced formulation. Excellent thermal stability, optimum fluid life
Hydraulics		CASSIDA FLUID HF Series	Long oil life, excellent filterability giving a cleaner system and longer equipment life
		FM HYDRAULIC OIL Series	Fully formulated hydraulic oil
Air-line lubrication		FM AIR LUBE AA	Air-line lubrication, designed to keep lines clean and free of condensate
Industrial coolant		FM COOLANT	Water-extendable fluid with outstanding anti-corrosion properties
Maintenance sprays: ▪ Silicone fluid ▪ General-purpose penetrating lubricant		CASSIDA SILICONE FLUID SPRAY	A quick-dry spray to give dry film lubrication on conveyor belts and light machinery
		FM KRYSTALL	Facilitates the disassembling of seized surfaces, prevents further corrosion and seizing
Pellet presses and compactors – animal feed		CASSIDA GREASE GTX 2	Synthetic calcium sulfonate complex, superior performance, enhanced bearing life
		FM GREASE HD 2	Outstanding performance, enhanced bearing life
Refrigeration compressors – ammonia		CASSIDA FLUID RF Series	High-performance fluid, compatible with ammonia and other commonly used refrigeration gases
Slideways, linkages, and pins		CASSIDA GREASE HDS 2	Protection for heavily loaded or slow-moving bearings for long equipment life
		CASSIDA GREASE GTX 2	Calcium sulfonate complex grease – excellent corrosion protection
Vacuum pumps		CASSIDA FLUID VP Series	Extended oil drain intervals, good low-temperature characteristics, excellent anti-wear performance
Valves, taps, and fittings		CASSIDA GREASE MD 2	Lubrication of all sorts of taps, flow meters, and fittings with EPDM (ethylene-propylene-diene rubber) seals, used for the handling of water, drinks, and beer, including drum-filling inflow valves, provides high resistance against chemicals

\* Not for Kosher use.

– Additional products for specialized applications available on request.

**CASSIDA:** Fully synthetic products | **FM:** Semi-synthetic- or white-mineral-oil-based products | Production facility certified by NSF for ISO 21469 | Components approved by the US FDA for incidental contact with food | Registered by NSF International as Class H1 | Meets former USDA H1 requirements | Certified for use in Kosher and Halal food-manufacturing processes unless otherwise noted.

This table is a guide only. Contact FUCHS LUBRITECH to confirm product recommendations. This brochure was correct on the date of printing. Subject to change without notice.

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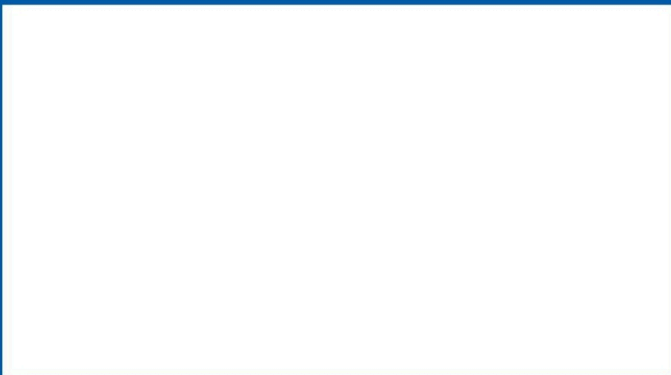
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## Innovative lubricants need experienced application engineers

Every lubricant change should be preceded by expert consultation on the application in question. Only then the best lubricant system can be selected. Experienced FUCHS engineers will be glad to advise on products for the application in question and also on our full range of lubricants.



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