






















FUCHS Special Applications CASSIDA













Food Grade Lubricants Product Overview and Application Guide

MOVING YOUR WORLD



Overview of CASSIDA Products

Application	Symbol	Product	Benefits
Bearings – rolling element Regular load		CASSIDA GREASE RLS Series	Multipurpose lubricant for regularly loaded bearings, good adhesive properties and water resistance
		CASSIDA GREASE CLEAR 2	Clear grease with multipurpose character for multiple applications
		CASSIDA FM GREASE EP 1.5	Specialty semi-synthetic extreme pressure grease
Bearings – rolling element 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
		CASSIDA FM GREASE EP 1.5	Specialty semi-synthetic extreme pressure grease
Bearings – rolling element 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
Bearings – rolling element High temperature	 	CASSIDA GREASE HTS 2	Operating temperature up to +200°C (peak up to +220°C)
		CASSIDA GREASE P 1	
Bearings – rolling element Extremely high temperature	 	CASSIDA GREASE FC 1 2	Operating temperature up to +300°C Excellent resistance against aggressive chemicals
Bearings – rolling element Low temperature	 	CASSIDA GREASE LTS 1	Operating temperature down to -50°C
Can seamer lubrication systems and gearboxes Can seamer lubrication system, Ferrum Can seamer lubrication systems, Total Loss	 	CASSIDA FLUID GLE Series	Keeps machine clean and protects against wear and corrosion
		CASSIDA FLUID CR 100	Keeps machine clean and protects against wear and corrosion
		CASSIDA FM GEAR OIL TLS 150	White mineral oil fluid for enhanced performance for total loss systems
Can seamer roll head bearings (grease lubricated)	 	CASSIDA GREASE RLS 1	Protects against wear and corrosion
		CASSIDA GREASE GTX 2 GTX 0	Good resistance to water washout
Chains and conveyors	 	CASSIDA CHAIN OIL Series	Outstanding adhesion to metal surfaces and excellent water resistance
		CASSIDA CHAIN OIL LT	Operating temperature down to -50°C
		CASSIDA CHAIN OIL SP	Excellent penetrating properties
		CASSIDA CHAIN OIL HTE	High temperature chain oil for bakeries (up to +240°C)
		CASSIDA CHAIN OIL HTX	Extreme temperature chain oil (up to +300°C)
Compressors – rotary vane and screw		CASSIDA FLUID CR Series	Longer oil-change intervals with less wear; does not add odour to compressed air
Corrosion prevention – multiple applications		CASSIDA FLUID CP	Excellent temporary corrosion protection for machinery parts and sub-assemblies
Direct food contact – multiple applications	 	CASSIDA FLUID DC Series	3H-registered synthetic fluids for direct food contact applications; use as absorber oil in edible oil production – improved hexane recovery
		CASSIDA FLUID DCE 15	3H-registered synthetic fluid, mineral oil free, for direct food contact applications
		CASSIDA FLUID DCE SPRAY	3H-registered synthetic fluid, mineral oil free, for direct food contact applications
		CASSIDA FM FLUID DC Series	3H registered white mineral oil fluids for direct food contact applications
		CASSIDA FM GREASE DC 2	3H registered white mineral oil grease for direct food contact applications

Application	Symbol	Product	Benefits
Gears – enclosed 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 GTX 0	Excellent adhesive and extreme pressure properties – reduces leaks from gearbox
		CASSIDA FM GEAR OIL Series	Fit for purpose gear oils
Hydraulics (including air-line lubrication)		CASSIDA FLUID HF Series	Long oil life, excellent filterability giving a cleaner system and longer equipment life
		CASSIDA FLUID HFS Series	Superior performance, excellent filterability giving a cleaner system and longer equipment life
		CASSIDA FM HYDRAULIC OIL Series	Fit for purpose hydraulic fluids
Industrial coolant		CASSIDA COOLANT	Water-extendable fluid with outstanding anti-corrosion properties
Maintenance sprays: <ul style="list-style-type: none"> ▪ General-purpose penetrating lubricant ▪ Silicone fluid ▪ Multipurpose grease ▪ PTFE dry film multipurpose lubricant ▪ Corrosion protection fluid ▪ Direct food contact fluid ▪ Direct food contact grease 		CASSIDA FLUID FL 5 SPRAY	Facilitates the disassembling of seized surfaces, prevents further corrosion and seizing
		CASSIDA SILICONE FLUID SPRAY	A quick-dry spray to give “dry film” lubrication on conveyor belts and light machinery
		CASSIDA GREASE GTS SPRAY	Excellent lubrication properties and excellent corrosion protection
		CASSIDA PTFE DRY SPRAY	A quick-dry spray to provide “dry PTFE film” lubrication
		CASSIDA FLUID CP SPRAY	Excellent temporary corrosion protection
		CASSIDA FLUID DCE SPRAY	3H-registered synthetic fluid, mineral oil free, for direct food contact applications
		CASSIDA FM GREASE DC SPRAY	3H registered white mineral oil grease for direct food contact applications
Maintenance aid		CASSIDA PASTE AP	Assembly paste – large range of applications, e.g. high-alloy steel screws to optimise tightening torque, mounting and pressing of bearings, disks, wheels and bolts
Pellet presses and compactors – animal feed		CASSIDA GREASE GTX 2	Synthetic calcium sulfonate complex – superior performance – enhanced bearing life
		CASSIDA FM GREASE EP 1.5	Specialty semi-synthetic extreme pressure grease
		CASSIDA FM GREASE HD 2 1.5	Outstanding performance – enhanced bearing life
Refrigeration compressors – ammonia		CASSIDA FLUID RF 68	High-performance fluid, compatible with ammonia and other commonly used refrigeration gases
Rotary cookers and sterilisers		CASSIDA GREASE GTX 2	Calcium sulfonate complex grease for heavily loaded or slow-moving bearings
		CASSIDA FM FLUID RC Series	Keeps parts clean and protects against wear and corrosion
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
Sugar dissolving		CASSIDA FM SUGAR DISSOLVING FLUID	Cleans off sticky deposits in sugar-processing equipment and offers excellent corrosion protection; lubricates lightly loaded bearings and slideways where sugar deposits are likely to form
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

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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