Matrix bv
specialty lubricants

Grease selection table

	Product	NLGI						Operating Temperature												Grease type			Behaviour to: Physical Agents: Loads			Physical Agents: V	Physical Agents: Speed			Chemical Agents: Water				Chemical Agents			Applications								Remarks and other characteristics
		000	00	0	1	2	3	-50	-40	-30	-20	-10	0	50	80	120	160	220	280	300	Thickener	Base Oil	Solid Lub.	Low	Medium	High	Vibrations	Low	Medium	High	Cold	Hot	Salt	Vapour	Alkali	Acid	Hydrocarbons	Bearings	Slider Bearings	Open gears	Closed gears	Chains & Joints	Valves & Taps	Slideways	Joints & Gaskets	Wires	
General Purpose Greases	Grease Calcium																				Ca	M		■	■												!	!								
	Grease Calcium Complex																				Cca	M				!		■	■				!				■	■			■			!		
	Grease Calcium Complex XL																				Cca	M			■	■			■	■							■	■			■					
	Grease Calcium Graphite																				Ca	M	G	■													■									■	
	Grease Calcium Silcon																				Ca	Msi		■				■				■													■	
	Grease Ca LT																				Ca	S																								Automotive applications with wide temp range needed Meets MIL-G-10924D
	Grease CAS 2 Green																				Cas	M			■			■	■	■		■	■	■				■	■			■					NLGI 1/2, Very water resistant grease, high temp applications
	Grease Lithium Calcium EP 2																				LiCa	M			■	■			■	■		■	■					■				■				Bleu Color, very tacky and waterresistant
	Grease Lical Light & Dark																				LiCa	M		■	■				■	■		■	■					■	■		■	■		■		Available in a light and dark version
	Grease Lithium EP																				Li	M			■	■			■	■		■	■	■				■	■		■			■			General purpose grease suitable for most applications
	Grease Lithium White																				Li	M	P		■	■			■	■		■	■					■	■		■	■	■	■			White colored grease for lubrication in textile, paper, graphic arts industry etc.
	Grease Lithium Complex EP																				CLi	M			■	■			■	■		■	■					■	■		■			■			General purpose grease when a higher temperature limit is required
	Grease Lithium Complex S																				CLi	S			■	■			■	■		■	■					■	■					■			Developed for low temperature lubrication
	Grease Lithium Complex HLM																				CLi	M	Mo		■	■	!		■	■		■	■					■	■		■			■			High loads, temperature, water
	Grease Lithium Complex S 250 2																				CLi	S			■	■			■	■		■	■					■	■					■			General purpose grease with synthetic base oil, can reduce the amount of types of greases used
	Grease Lithium Complex TFS 2																				CLi	S	P		■	■			■	■		■	■					■	■		■			■			General Purpose grease fortified with PTFE
Specialty Greases	Grease Fluor H 0																				I	S	P		■	■			■	■		■	■	■	■	■	■	■	■		■	■		■			High Temperature, resistant to chemical agents
	Grease Fluor HT 2																				I	S	P		■	■	■		■	■		■	■	■	■	■	■	■	■		■	■		■		■	High Temperature, resistant to chemical agents, vibrations
	Grease Fluor VAC 2																				I	S	P		■	■	■		■	■		■	■	■	■	■	■	■	■		■	■		■			High temperature, suitable for low pressure and vacuum environments
	Grease Poly HT																				P	M			■	■			■	■		■	■			■	■		■			■					Water resistant grease, very stable
	Grease Poly HT plus																				P	M			■	■			■	■		■	■			■	■		■			■					Water resistant grease, very stable, high temperature resistant, steel industry
	Grease Poly ALN																				P	S			■	■			■	■		■	■			■	■		■			■					High Temperature, Long Life, Electrical motor bearings
	Grease Poly HT S																				P	S			■	■			■	■		■	■			■	■		■			■					High Temperature
	Grease Poly TFX																				P	S	P																								
	Grease ALCO																				AC	M			■				■			■	■					■	■			■		■			Very pumpable grease, centralized systems, medium-high temperatures
	Grease ALCO TF																				AC	M	P		■	■			■			■	■					■	■			■		■			Like Grease ALCO 2 but with PTFE fortified
	Grease Barium Complex L 2																				CB	M						■	■			■	■			!		■	■			!		■			Water, alkalis, loads
	Grease Barium Complex L2-S																				CB	S						■	■			■	■			!		■	■			!		■			High Speed, Water, long life
	Grease Barium Complex M																				CB	M						■	■			■	■			!		■	■			!		■			Water, vapour, high load
	Grease Barium Complex H																				CB	M						■	■			■	■			!		■	■			!		■			Water, vapour, high load, low speed
Special Applications	Inomax H-00R																				AC	M	G					■	■			■	■							■							Large crown lubrication , running inn fluid
	Inomax H-0																				AC	M	G					■	■			■	■							■	!	!		!			crown lubrication, sprayable
	Inomax H-0 plus																				AC	SS	G					■	■			■	■							■	!	!		!			overdimensional crown lubrication
	Inomax H-3000																				P	SS	G					■	■	■		■	■			■				■				■			High Adherence, non drip, 3000 cSt base oil, Thickener Alu Complex & Polimer
	Inomax H-1500																				P	M	G		■	■	■		■			■	■			■				■				■			High Adherence, 1500 cSt base oil, Thickener Alu Complex & Polimer
	Inomax H-1000																				P	M	G		■	■			■			■	■			■				■				■			High Adherence, 1000 cSt base oil, Thickener Alu Complex & Polimer
	Inomax R- Fluid																				AC	M	G					■	■			■	■							■	!			!			Running in
	Inomax M-Fluid																				AC	M	G					■	■			■	■							■				!			Bubbling Lubrication
	Inomax M-Fluid plus																				AC	M	G					■	■			■	■							■				!			Same perfomance like M-fluid, thicker base oil viscosity (3000 cSt)
	Inomax L-Fluid																				AC	M	G					■	■			■	■							■				■			000/0000 fluid for pinion crown
	Inomax H1/R																				AC	M	G					■	■			■	■							■							Priming grease
	Inomax RPR																				AC	M	G		■	!		■	■			■	■							■							Crown repair fluid
Food & Bio	Foodmax Grease ALU M																				AC	SS						■	■			■	■						■	■			■	■	■	■		NSF H1 approved, water and steam resistant
	Foodmax Grease ASP 2																				AC	SS			■	■			■	■		■	■					■	■			■	■	■	■		NSF H1 approved, water and steam resistant, very good EP properties
	Foodmax Grease Clear 2																				I	SS			■	■			■	■		■	■					■	■			■	■	■	■		NSF H1 approved, water resistant, translucent apperance
	Foodmax Grease LT 2																				Ca	S			■				■			■	■			■			■				■	■			Low temperature applications non toxic grease
	Grease Bio M WR																				Ca	V			■				■	■		■	■		!		■	■	■		■	■	■	■			Biodegradable water resistant
	Grease Bio HT 2																				Li	V			■	■			■	■		■	■		!		■	■	■		■	■	■	■			Biodegradable high temperature
	Grease Bio MG1-G																				Ca	V	G		■	■			■	■		■	■		!		■	■	■	■	■	■	■	■			Biodegradable water resistant, fortified with graphite
	Grease Bio SCL																				LiCa	S			■	■			■	■		■	■		!		■	■	■		■	■	■	■			Biodegradable water resistant,
Silicon	Grease Silcon L1-2																				Li	Si		■			!	■			■	■			!	!		■	■			■	■	■	■		Low temperature lubrication
	Grease Silcon L 80																				Li	Si																								
	Grease Silcon LX 80																				CLi	Si																								
	Grease Silcon LX 2																				CLi	Si	Mo	■					■		■	■			!	!		■	■			■		■		■	High temperature resistance, solid lubricants
	Foodmax Grease Silcon SI																				I	Si		■				■			■	■						!					■	■	■	Water resistant and resistant to chemical agents. Non Toxic NSF H1 possible, water tab lubrication. NLGI 3 for boom lubrication
	Foodmax SHIP																				I	Si		■			!	■			■	■			■	■		!	!	■		■	■	■		Water resistant and resistant to chemical agents. Non toxic NSF H1 possible

Legenda Grease Types	
Calcium	Ca
Calcium Complex	Cca
calcium Sulphonate	Cas
Lithium	Li
Lithium Complex	Cli
Lithium Calcium	LiCa
Inorganic	I
Polyurea	P
Aluminium Complex	AC

Legenda base oils & solids	
Silicon	Si
Mineral	M
Synthetic	Si
Semi Synthetic	SS
Vegetable Ester	V
PTFE	P
MsO2	Mo
Graphite	G

■	Very suitable
■	Suitable
!	Suitable with limitations

ReinhardOil.dk ApS 70 26 70 07 Helleruplund alle 8 2900 Hellerup