Raj Group

ONWO Speciality Grease selection table

RAJ PETRO SPECIALITIES PVT LTD

	Product	NLGI 000	00	0	1	2	3	Operating Temperature -50	-40	-30	-20	-10	0	50	80	120	160	180	200	220	280	400	600	1000	Grease type Thickener	Base Oil	Solid Lub.	Behaviour to Physical Agents Loads Low	Loads Medium	Loads High	V Vibrations	Speed Low	Speed Medium	Speed High	Chemical Agents Water Cold	Water Hot	Water Salt	Water Vapour	Alkali	Acid	Hydrocarbons	Applications AFR Bearings	Journal Bearings	Open gears	Closed gears	Chains & Pin/bush	Valves & Taps	Slideways	Joints & Gaskets	Wires	Remarks and other characteristics
General Purpose Greases	Lubritek CAP																								Ca	M																	!								Recommended for water proofing & chasis lubrication(Non Ep)
	ONWO Ultralife																								CaS	M										I													!		Multipurpose grease for water resistant ,heavy load applications in rolling mills ,marine & general applications
	ONWO Ultralife WR 2																								LiCa	M										I															Load bearing ,water resistant grease used for rolling mills
	ONWO Ultralife 2M																								CaS	M	Mo																									Heavy load bearing grease for slow speed heavy load & temperatures upto 180'C
	ONWO Grease XG 380																								Ca	M																										Calcium grease designed for low temp applications
	Lubritek CAP /EP																								LiCa	M																										Calcium grease with EP designed for crusher bearings etc..
	ONWO Ultragrease WR 2M																								LiCa	M	Mo																									Load bearing water resistant grease for heavy load applications
	Lubritek AP																								Li	M																										General purpose grease suitable for most applications
	Lubritek EP																								Li	M																										General purpose Complex grease for high load & high temperature applications
	ONWO Multishield AP/ LT																								LI	M																										General purpose grease when a higher temperature limit is required
	ONWO Multishield EP																								CLi	M																										General purpose grease when a higher temperature limit is required
	ONWO Synthetic grease 220																								CLi	S																										Developed for low temperature & medium duty lubrication
	ONWO Multishield BDM 2																								CLi	M	Mo				!																				EP grease with Moly for power tools
	ONWO Synthetic Grease 220 HD																								CLi	S																										Synthetic grease for heavy duty applications
	ONWO Ultragrease ML																								LiCal	M																										Water resistant constant velocity joints Grease
	ONWO Semifluid MSG																																																		Semifluid grease for gear box & centralised lubrication
Speciality Greases	ONWO Ultraload EP																								I	M																										Recommended for medium to heavu duty lubrications
	ONWO Ultraload Ep 2M																								I	M	Mo																										Recommended for heavy duty shock load applications
	ONWO Valve Seal Grease																								PTFE	SS	P																										Recommended for valve sealing & washing machine applications
	ONWO Chemsafe																								PTFE	SS	P																										recommended for chemical resistence
	ONWO Chemsafe PP																								PTFE	SS	P																										Recommended for chemical & acid resitance
	ONWO Uktrashield 55/2																								PFPE	S	P																										High Temperature, Long Life, Electrical motor bearings
	ONWO HT 550																								I	S																										High temperature resistance, solid lubricants
	ONWO Polytek Super Grease																								U	M	P																										Recommend for water resistant ,high temperature applications ,paper,steel ,automotive applications
	Grease Poly HT 2																								U	M																										Recommend for water resistant ,high temperature applications ,paper,steel ,automotive applications
	ONWO Watersafe																								AC	M																										Water resistant grease
	ONWO Watersafe 2M																								AC	M																										Water resistant grease with moly for medium duty applications
	ONWO Electroshield Grease																								Sl	S																										Electrical contact grease
	ONWO Electrosafe Grease																								Sl	S																										Electrical insulating grease
	ONWO Conducting Grease																								I	M																										Electrical conducting grease
	ONWO Adhesive Open Gear Grease2.5																								AC	M																										medium duty Open gear grease with water resistance
	ONWO Open Gear HD 00 grease																								CLi	M																										Open gear grease for dip type lubrication of girth gears
	ONWO Xtreme HV grease																								I	M	Mo																										Open gear grease for sugar & cement industries
	ONWO Xtreme LV Grease																								I	M	Mo																										High temp grease /open gear grease
	ONWO Anitiseze paste																								I	M	Mo				I																				antiseize paste for threaded fasteners
	ONWO Copper Anti Seize Compound																								I	M	CU				I																				Antiseize paste for high temp applications upto 1100'C
	ONWO Graphite Antiseize																								I	M	G				I																				Antiseeize paste for high temp applications upto 600'C
Special Applications	ONWO Ep 360 Z																								I	M	Su																										Tapping paste
	ONWO Syn high temp grease																								AC	S	P																										High temperature grease for conveyor roller brgs upto 220'C
	ONWO Semi Syn high temp grease																								AC	SS	P																										High temp grease for high temp conveyors upto 170'C
	ONWO Syn high temp grease heavy																								AC	M	P																										High temp grease for conveyors upto 220'C
	ONWO Syn Multifunctional Grease																								P	SS	P																										Synthetic multifunctional grease for low to high temp applications
	ONWO Semi Syn Multifunctional grease																								P	M	P																										Semi syn multifunctional grease for low to medium duty applications
	ONWO Chuck jaw MF2 Grease																								I	M	P																										Chuck jaw lubrication grease
	ONWO Chuck jaw Grease 2M																								CLi	M	Mo																										Chuck jaw lubrication grease with moly
	ONWO High Speed Grease 2																								CLi	S	P																										High speed spindle lubrication grease upto 12,00,000 Dmn value
	ONWO Ultra high temp Grease																								I	S	PG																										Syntheic high temperature grease with solids for use upto 600 'C
	ONWO Chisel paste																								AC	M	GC																										water resistant paste with solids for drill hammer lubrication
	ONWO Syn Multifunctional Grease RF																								Li	S																										Syn grease for medium duty application
	ONWO Semi Syn Multifunctional Grease RF																								Li	SS	G																										Semi syn grease for low to medium duty application
Food	ONWO FoodSafe Plus																								AC	S																										NSF H1 approved, water and steam resistant good EP properties
	ONWO Foodsafe Super Grease																								AC	SS																										NSF H1 approved, water and steam resistant, with EP properties
	ONWO Foodsafe UltraClear grease																								I	Sl																										NSF H1 approved, water resistant, translucent apperance
	ONWO Ultraclear grease																								PTFE	Sl																										NSf H1 Low temperature applications non toxic grease
	ONWO Foodsafe Hitemp Grease																								PTFE	SL																										NSf H1 high temp grease
Others	ONWO Ropesafe 00																								Li	M	Mo																										Wire rope penetrating lubricant with corrosion resistance
	ONWO Bio Roesafe 00																								AC	V																										Biodegradeable wire rope penetrating lubricant for offshore applications
	ONWO Multishield HS																								CLi	M																										High speed grease uoto 9,00,000 Dmn value
	ONWO Gearspray grease																								AC	M	Mo																										Open gear sprayable grease for girth gears
	ONWO DG 2.5																								I	Si																										Water resistant and resistant to chemical agents. Non Toxic NSF H1 possible, water tab lubrication. NLGI 3 for boom lubr
	ONWO Nimonic antiseize																								I	M	N																										High temp antiseize for nuclear applications

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
Sodium Complex	CS
Urea	U

Suitable above 0'C	
Intermitnt usage	
Suitable below 0'C	

Legenda base oils & solids	
Silicon	Si
Mineral	M
Synthetic	S
Semi Synthetic	SS
Graphite	G
PTFE	P
MoS2	Mo
Sulfur	Su
Graphite	G
Copper powder	Cu
Graphite & Copper	GC
Nickel	N
Graphite & Moly	GM
Vegetable Oil	V
PTFE & Graphite	PG

	Recommended
	Suitable
!	Suitable with limitations

ONWO HIGH PERFORMANCE PERFORMANCE + LUBRICANTS