







Lubrication and Sealing Solutions for Sugar Mill Machinery

	COMPONENT	RECOMMENDED SOLUTION	TEMPERATURE RANGE (°C)	NOTES
DISCHARGE				
AV15126 	Crane cables	<i>Molykote</i> ® Longterm 00 Semi-Fluid Gearbox Grease <i>Molykote</i> ® 165 LT Gearwheel Grease <i>Molykote</i> ® 1122 Chain and Open Gear Grease	-40° to 110° -25° to 120° 0° to 160°	<ul style="list-style-type: none"> • High load-carrying capacity • Help mitigate crane cable stretching and rupture due to corrosion
AV15128 	Crane cabin gear (with flat teeth)	<i>Molykote</i> ® 1122 Chain and Open Gear Grease <i>Molykote</i> ® P-40 Metal-Free Adhesive Lubricating Paste	0° to 160° -40° to 230° (paste)	<ul style="list-style-type: none"> • Excellent performance under heavy loads • Delivers effective lubrication in moist and corrosive environments
AV15134 	Metal conveyor belt bearings and roller-support guides	<i>Molykote</i> ® G-1502FM Synthetic Bearing and Gear Grease ▲ <i>Molykote</i> ® P-40 Paste	-40° to 149° -40° to 200°	<ul style="list-style-type: none"> • Excellent wear, fretting and corrosion protection • Effective lubrication under heavy loads • Good adhesion to many industrial materials • Proven resistance to water washout
AV15020 	High-speed grinder bearings	<i>Molykote</i> ® BR-2 Plus Multi-Purpose Grease <i>Molykote</i> ® G-4700 Extreme Pressure Synthetic Grease	-30° to 130° -40° to 177°	<ul style="list-style-type: none"> • Excellent performance under heavy loads and in high-impact applications • Provide long-term lubrication and extended maintenance intervals
AV15125 	Ball bearings	<i>Molykote</i> ® G-0102 Heavy Duty Bearing Grease	-25° to 140°	<ul style="list-style-type: none"> • High load-carrying capacity • Resistant to water washout • Delivers effective lubrication in moist and steamy environments
GEARS/GEARBOXES				
AV15043 	Open gears	<i>Molykote</i> ® 165 LT Gearwheel Grease <i>Molykote</i> ® 1122 Chain and Open Gear Grease	-25° to 120° 0° to 160°	<ul style="list-style-type: none"> • Excellent corrosion protection and wear prevention • Good adhesion to many industrial materials • Effective performance when exposed to environmental pollution
AV02889 	Gearboxes	<i>Dow Corning</i> ® M Gear Oil Additive		<ul style="list-style-type: none"> • High load-carrying capacity • Delivers extended equipment life
CENTRIFUGE				
AV15123 	Bearings	<i>Molykote</i> ® G-4500 Multi-Purpose Synthetic Grease/Spray ▲ ●	-51° to 163°	<ul style="list-style-type: none"> • Excellent wear resistance under moderate loads and high speeds • Suitable for use where incidental food contact is possible
AV15130 	Chains	<i>Molykote</i> ® G-4500 Multi-Purpose Synthetic Grease/Spray ▲ ● <i>Molykote</i> ® L-0460FG Chain Oil ▲ ● <i>Molykote</i> ® L-1468FG Synthetic Freezer Chain Oil ▲ ●	-51° to 163°	<ul style="list-style-type: none"> • Offers good chain penetration • Excellent load-carrying capacity and corrosion protection • Suitable for use where incidental food contact is possible • Helps prevent wear and corrosion • Suitable for use on alimentary grade chains

▲ Indicates NSF H-1 Food Regulatory Status.

● Indicates Kosher/Pareve Food Regulatory Status.

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DRYING				
AV15127	 Drying tire	<i>Molykote</i> ® G-n Plus Paste	-25° to 450°	<ul style="list-style-type: none"> • Reduces friction and delivers effective wear protection in high-load and low-speed applications • Provides extended lubrication intervals
		<i>Molykote</i> ® Longterm 00 Semi-Fluid Gearbox Grease	-40° to 110°	<ul style="list-style-type: none"> • Provides resistance to wear, corrosion and equipment galling • Delivers excellent lubrication in applications under extreme pressure
AV15022	 Drying gear (with flat teeth)	<i>Molykote</i> ® 165 LT Gearwheel Grease	-25° to 120°	<ul style="list-style-type: none"> • Delivers good wear, porosity and corrosion protection • Excellent load-carrying capacity
		<i>Molykote</i> ® Longterm 00 Semi-Fluid Gearbox Grease	-40° to 110°	<ul style="list-style-type: none"> • Protects equipment under heavy loads • Reduces pitting and abrasive wear on equipment subject to frequent impact
AV15131	 Reducers	<i>Molykote</i> ® L-1368FG Synthetic Blend Hydraulic Oil ▲ ● <i>Molykote</i> ® L-0122FG Gear Oil ▲ ● <i>Molykote</i> ® L-1122FG Synthetic Gear Oil ▲ ● <i>Molykote</i> ® L-1146FG Synthetic Extreme Temperature Gear Oil ▲ ●		<ul style="list-style-type: none"> • Suitable for use where incidental food contact is possible
ENERGY PLANT				
AV16451	 Turbine nuts and bolts	<i>Molykote</i> ® P-37 Antiseize Paste	-30° to 1500°	<ul style="list-style-type: none"> • Prevents stress-corrosion cracking, damage, seizure and solder embrittlement • Provides excellent load-carrying capacity • Does not contain nickel or any other compounds that embrittle alloys • Low sulfur and halogen content • High-temperature resistance
AV16451	 Turbine blades	<i>Molykote</i> ® Z Powder <i>Molykote</i> ® Microsize Powder	-185° to 450° -185° to 450°	<ul style="list-style-type: none"> • Lubricates metal surfaces in many difficult and extreme environments
AV15045	 Anti-seize nuts and bolts	<i>Molykote</i> ® 1000 Paste	-30° to 650° (solids)	<ul style="list-style-type: none"> • High load-carrying capacity • Enables non-destructive dismantling, even after long use at high temperatures
		<i>Molykote</i> ® HSC Plus Paste	-40° to 120° (oil)	<ul style="list-style-type: none"> • Delivers a consistent coefficient of friction, even after bolts have been loosened and retightened several times • Protects against fretting wear and corrosion



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PACKAGING				
AV/02509 	Packaging reducers	<i>Molykote</i> ® L-1368FG Synthetic Blend Hydraulic Oil ▲ ● <i>Molykote</i> ® L-0122FG Gear Oil ▲ ● <i>Molykote</i> ® L-1122FG Synthetic Gear Oil ▲ ● <i>Molykote</i> ® L-1146FG Synthetic Extreme Temperature Gear Oil ▲ ●		<ul style="list-style-type: none"> • Suitable for use where incidental food contact is possible
GENERAL				
AV/16462 	Boiler/fan ball bearings	<i>Molykote</i> ® G-4700 Extreme Pressure Synthetic Grease <i>Molykote</i> ® BR-2 Plus Multi-Purpose Grease	-40° to 177°	<ul style="list-style-type: none"> • Delivers high load-carrying capability • Excellent wear resistance for equipment operating at high speeds
AV/15044 	Nuts and bolts in brackets	<i>Molykote</i> ® G-Rapid Plus Solid Lubricant Paste	-35° to 450°	<ul style="list-style-type: none"> • Very low coefficient of friction for assembly • Excellent fretting corrosion and oxidation protection • High load-carrying capacity
AV/16450 	Worn, corroded or rusted equipment components	<i>Molykote</i> ® Metal Protective Coating <i>Molykote</i> ® D-321R Spray	-40° to 65° -180° to 450°	<ul style="list-style-type: none"> • Delivers long-term corrosion protection • Low coefficient of friction • Provides effective dry lubrication for extended periods, even in corrosive environments • Room temperature curing anti-friction coating that provides effective lubrication over extended periods, even in corrosive environments
AV/15124 	Penetrating agents	<i>Molykote</i> ® L-0501 High Performance Penetrating Lubricant <i>Molykote</i> ® Food Machinery Spray Oil ▲	-29° to 49° -10° to 120°	<ul style="list-style-type: none"> • Excellent corrosion protection • Provides longer-term lubrication than conventional penetrating oils • Displaces water
AV/16543 	Rotofilter	<i>Molykote</i> ® G-n Plus Paste	-25° to 450°	<ul style="list-style-type: none"> • Extends equipment service life • Delivers effective wear and corrosion protection • Provides excellent friction control in heavy load applications

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GENERAL (continued)				
AV01056 	Pretreatment of gears and couplings	<i>Molykote</i> ® G-n Plus Paste	-25° to 450°	<ul style="list-style-type: none"> • Helps prevent early pitting and gear tooth damage in the load zone • Recommended for use at start-up • Provides excellent friction control in heavy load applications
AV19317 	Valves	<i>Molykote</i> ® 111 Compound	-40° to 204°	<ul style="list-style-type: none"> • Wide service temperature range • Excellent water resistance • Compatible with many plastics and elastomers • Low vapor pressure • Low volatility • Meets several global standards for water contact

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