



ALCONZ 12250

- Electrochemical Grease Lubricator (Disposable)

Alconz 12250 is one of an effective lubricator that help to extend the life of the bearing in the manufacturing process. Alconz 12250, is the New Generation of Electrochemical, Automatic, SPL, and is designed to ensure a precise, predictable, and fresh supply of lubricant in a wide variety of Industrial applications.

Alconz 12250 delivers a self contained (pre-packed) lubricant, under pressure, by means of a controlled reaction that generates inert Nitrogen (N2) gas. Unlike traditional gas charged lubricators using combustible Hydrogen (H2) gas generation as the result of metal / acid reaction. Alconz 12250 uses an inert Nitrogen gas generation controlled by a Microprocessor, which is similar to safety airbag technology widely used in vehicles.



- Mode LED Lamp**
It will be linking at every 7 sec.
- Mode Select Switch**
Green Color Switch
- Unit Start Button**
Red Color Switch
Locked: Unit ON
Unlocked: Unit OFF

Features

- * Microprocessor inside
- * User - friendly LED panel
- * Simple operation
- * Accurate / Reliable dispensing
- * 4 (Four) variable dispensing rates
- * Programmed logic circuit
- * High Performance Lubricant
- * Water Submergible

Grease Selection Guide lines

Model	Grease	Discription
GP 1	Heavy Duty	High performance NLGI#2 EP grease for heavy-duty applications. Dark gray colored (contains MoS2)
GP 2	High Speed	High Performance NLGI#2 grease specially designed for high-speed applications (above 3,000 rpm).
GP 3	Food Grade	USDA H1 rated NLGI #1 High performance Aluminum Complex grease for food application.
GP 4	High Temperature	High performance NLGI#2 grease for extreme temperature applications.
GP 5	Multi Purpose	Multi purpose high performance NLGI#1 EP grease

OEM filling is available on demand. For specific terms and conditions, please contact your local distributor

Specifications

- * Operating Temp - 4° F - 140° F
- * User - Friendly LED panel
- * Simple operation
- * Accurate / Reliable dispensing
- * 4 (Four) variable dispensing rates
- * Programmed logic circuit
- * High Performance Lubricant
- * Water Submergible



Major

MAJOR SALES AND SERVICE

A division of Major Furnace Australia Pty Ltd

Tel: 03 9558 2433

Email: major@majoreng.com.au

Fax: 03 9558 2466

Web: www.majoreng.com.au

Typical Installation Procedure

1. Check the application : any special requirements?
2. Prepare unit and fittings or accessories.
3. Remove grease nipple and install unit (Remote installation if needed).
4. Turn unit on and select mode.
5. Make sure units working with in two weeks.
6. Rectify causes of problem, if exists.

Alconz 12250 Detail

- * Gas Generation Cells:
- * Liner gas production rate.
- * Volume of Gas produced in direct equation of current reduced into electrolyte.
- * Pressure generated is result of resistance
- * pressure equals resistance flow
- * No Flow = Pressure
- * No Resistance = No Pressure

Applications

Common applications include

- * Where access is hazardous or inconvenient.
- * Contamination is present.
- * Where there is insufficient staff to guarantee lubrication.

Mode Settings Guidelines

Ball & Roller Bearing					
Bearing Shaft Diameter		125 cc	Lubricant Capacity (cc/day)	250 cc	Lubricant Capacity (cc/day)
102 ~ 165 mm	4" ~ 6 1/2"	N/A	-	1 Month	8.3
90 ~ 100 mm	3 1/2" ~ 4"	1 Month	4.2	N/A	-
77 ~ 89 mm	3" ~ 3 1/2"	N/A	-	3 Months	2.8
65 ~ 76 mm	2 1/2" ~ 3"	3 Months	1.4	6 Months	1.4
51 ~ 64 mm	2" ~ 2 1/2"	6 Months	0.7	12 Months	0.7
25 ~ 50 mm	1" ~ 2"	12 Months	0.3	N/A	-

Special Notes

- * Before installing Alconz 12250, remove contaminants around the fitting point.
- * Install 1 unit on each bearing point.
- * A bearing greater than 4 3/4" (120 mm) in size needs 2 units with a non - return valve attached.
- * If a bearing has more than 2 nipples, install 1 unit for each nipple.



Distributor

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WARRANTY

Alspec Industries Sdn Bhd guarantees the product to be free of defects in material and workmanship for a period of 12 months from date of delivery. Warranty is limited to replacement of the product. There is no consequential loss covered by the Warranty. The Warranty will be void if the unit is mistreated, tampered with, used in a hostile chemical environment, used under water, maliciously damaged, used outside the specified ambient operating temperature range of -20 to 70 ° C, used with other than from an AUTHORIZED DISTRIBUTOR or MANUFACTURER supplied service pack. Please contact your local supplier or manufacturer for the validity of the Warranty.