



## Almatek® General Purpose Lubricant (1232)

### Versatile Grease Offers Long-Lasting Protection

With its versatility and long-lasting performance, Almatek® General Purpose Lubricant (1232) increases uptime, reduces maintenance costs and lowers lubrication costs. Almatek 1232 resists washing or pounding out of bearings, chassis points and other applications – even under shock-loading conditions. It is a distinctive red color, which shows when fresh lubricant forces out old material. Almatek 1232 is recommended for use in construction, marine, mining, industrial and various other heavy-duty equipment applications.



### Beneficial Qualities

#### Cost Reductions

- Provides long-lasting performance
  - Extends relubrication intervals
  - Lowers lubricant costs
  - Reduces maintenance and parts replacement costs
- Is extremely versatile
  - Simplifies inventory
  - Reduces risk of misapplication
- Can be applied easily at lower temperatures with standard equipment
- Maintains exceptional lubricating qualities at higher temperatures
- Increases equipment uptime

#### Performance

- Clings to metal and protects metal surfaces
  - Resists wash-out or pound-out
  - Provides excellent protection against shock loading
- Minimizes friction, maintaining cooler operating temperatures

#### Protection

- Provides superior rust resistance and oxidation stability
- Protects against wear and corrosion without causing extreme fluid friction

#### Available Grades

- NLGI 2

### Proprietary Additives

LE's proprietary additives are used exclusively in LE lubricants. Almatek® General Purpose Lubricant contains Almasol.

**Almasol®** solid wear-reducing additive is able to withstand extremely heavy loads, chemical attack and temperatures up to 1,900°F (1,038°C). It is attracted to metal surfaces, forming a microscopic layer but not building on itself or affecting clearances. Almasol minimizes metal-to-metal contact and the resulting friction, heat and wear.



## Almatek® General Purpose Lubricant

**1232**

### Performance Requirements Met or Exceeded

- H2

### Typical Applications

Heavy-duty equipment used in construction, marine, mining and other industrial applications

- Bearings (friction, anti-friction, conveyor, ball, roller, plain, fan)
- Chassis points

<b>Thickener Type</b>	Lithium
<b>Texture</b>	Semitacky
<b>Color</b>	Red
<b>NLGI Grade</b>	2
<b>Worked 60 Penetration ASTM D217</b>	280
<b>Dropping Point °C (°F), ASTM D2265</b>	177 (350)
<b>Base Fluid Characteristics</b>	
<b>Viscosity @ 100°C, cSt, ASTM D445</b>	11.7
<b>Viscosity @ 40°C, cSt, ASTM D445</b>	144
<b>Oxidation drop in psi @ 100 hrs, ASTM D94</b>	5
<b>Corrosion Prevention DI H2O, ASTM D1743</b>	Pass
<b>Operating Temperature* °C (°F)</b>	-18° (0°) to 149° (300°)

\*Operating temperature range based on normal lubrication intervals. The high temperature can be exceeded if the lubrication interval is significantly reduced.



3851 Fallowfield Road  
Nepean, Ontario, Canada  
K2H 8P9

Tel: (613) 228-6698  
Fax: (613) 228-8875

Your file / Votre référence

Our file / Notre référence

11 January 2002

3100-3/L046

Terry H. Smith  
Director of Environment, Safety  
& Laboratory Services  
Lubrication Engineers Inc.  
1919 Tulsa  
PO Box 16447  
Wichita, Kansas 67216  
U.S.A.

RE/OBJET: L046 Lubrication Engineers Inc.  
Wichita, Kansas 67216, U.S.A.

11/01/02	n1	300 Monolec Industrial Lubricant
11/01/02	n1	605 Almasol Vari-Purpose Gear Lubricant
11/01/02	n1	606 Almasol Vari-Purpose Gear Lubricant
11/01/02	n1	607 Almasol Vari-Purpose Gear Lubricant
11/01/02	n1	608 Almasol Vari-Purpose Gear Lubricant
11/01/02	n1	609 Almasol Vari-Purpose Gear Lubricant
11/01/02	n1	1232 Almatek General Purpose Lubricant
11/01/02	n1	1275 Almaplex industrial Lubricant
11/01/02	n1	3750 Almagard Vari-Purpose Lubricant
11/01/02	n1	3751 Almagard Vari-Purpose Lubricant
11/01/02	n1	3752 Almagard Vari-Purpose Lubricant
11/01/02	n1	6401 Monolec R&O Compressor/Turbine Oil
11/01/02	n1	6402 Monolec R&O Compressor/Turbine Oil
11/01/02	n1	6403 Monolec R&O Compressor/Turbine Oil
11/01/02	n1	6404 Monolec R&O Compressor/Turbine Oil
11/01/02	n1	6405 Monolec R&O Compressor/Turbine Oil
11/01/02	n1	6406 Monolec R&O Compressor/Turbine Oil
11/01/02	n1	6407 Monolec R&O Compressor/Turbine Oil

This will acknowledge your letter dated 12/12/01 concerning the aforementioned products for which acceptance has been requested for use in Registered Establishments.

Nous accusons réception de votre lettre datée du 12/12/01 concernant les produits en rubrique dont vous demandez l'autorisation pour l'usage dans les établissements agréés.

The final printing of your labels has been reviewed and the contents, as they apply to the use in connection with food in Registered Establishments, appear satisfactory. No objection, therefore, will be taken to the use of the above products in Registered Establishments provided that they are used in keeping with the instructions outlined on the labels.

Les épreuves finales des étiquettes ont été revues et le contenu nous apparaît acceptable en ce qui a trait à l'utilisation des produits en relation avec les denrées alimentaires. Nous ne nous opposerons pas à ce que les établissements agréés utilisent les produits en question, à condition qu'ils soient utilisés conformément selon les recommandations d'application indiquées sur l'étiquette.

.../2

Canada

Recycled Paper / Papier recyclé

- 2 -

This acceptance is not to be misconstrued as an endorsement for this or similar products. Their use in Registered Establishments will depend upon their continued acceptability to all concerned.

La présente ne doit pas être interprétée comme une acceptation inconditionnelle du produit ou de produits similaires dont l'emploi dans les établissements agréés dépendra du degré de satisfaction des intéressés.

Should any changes occur either in the formulations, or in the labeling format, then this acceptance shall be considered **NULL and VOID**.

Cette acceptation sera considérée comme **NULLE** si l'on y apporte une modification quelconque dans la préparation commerciale ou sur les étiquettes.

Yours truly,

Je vous prie d'agréer l'expression de nos sentiments les meilleurs.

Agent de Programmes  
Produits chimiques non alimentaires & intégrité des contenants  
Direction des politiques, de la planification et de la coordination  
Division des sciences

J.J. Donald  
Program Officer  
Non-Food Chemicals & Container Integrity  
Policy, Planning and Coordination Directorate  
Science Division

JJD/sb

Visit our Reference Listing Website/Visitez notre liste de référence sur le site internet  
<http://www.inspection.gc.ca/english/ppc/reference/cons.shtml>  
<http://www.inspection.gc.ca/francais/ppc/reference/conf.shtml>