

LITHO-LUBE II 65T #2723

Lithium Complex Multi-Purpose Grease



Features:

- Dropping point 500°F (260°C) (ASTM D566)
- Meets (ASTM D4950)
- Excellent pressure resistance
- Excellent shearability, shelf life, water resistance & anti-corrosion properties
- Timken OK Load of 65 LBS
- Temperature Range: 0°F to 300°F (-18°C to 150°C)
- NLGI 2
- Lithium complex thickener
- Contains Moly Pro EP additive for extreme pressure and anti-wear advantages, without leaving the dirty residue
- Base Oil: Mineral Oil
- Available in tubes (272301) & 35lb pails (272335)



Description:

LITHO-LUBE II 65T is a **Lithium Complex EP** formulated as a wide-ranging multi-purpose grease with excellent extreme pressure resistance, shearability, shelf life, water resistance, and anti-corrosion properties, offering the additional protection to meet today's high-performance requirements.

Applications:

- Mining Equipment
- Golf Courses
- Industrial Plants
- Wheel Bearings
- Steering Linkages
- Roller Bearings
- Presses
- Pivot Points
- Steering Knuckles
- Oilfield
- Semi-Truck
- Quarry
- Axle Assemblies
- Spring Pins
- Plain Bearing
- Winches
- Bushings
- Snow Blowers
- Off-Road Construction
- Automotive
- Ball Roller
- Universal Joints
- King Pins
- Thrust Bearings
- Electric Motors
- Bus & County Barns
- Chassis Lubrication
- Marine
- Refinery
- Pumps
- Pivot Pins
- Ball Joints
- Gears
- Latches
- Hinges
- Slides
- Agriculture
- Bus, Train, Railroad, Subway
- Sleeve Bearings
- Fifth-Wheel Hitch Plate
- Water Pump Bearings
- Mowers, Tractors
- Couplings
- Farm Equipment
- Tie-Rod Ends

Product Characteristics:

Appearance:	Amber semi-solid, mild odor
Color:	Amber
Odor:	Mild Odor
Solubility (water):	Insoluble in water, soluble in alcohols and petroleum distillates
Relative Density:	0.9
Flash Point:	235°C (455°F) (Cleveland open cup)
Viscosity:	Cone penetration (ASTM D217) 265-295
NLGI	2
Penetration (ASTM D217):	265-295
Base Oil:	Mineral
Base Oil Viscosity:	451 cSt at 40°C
Base Oil Viscosity:	28 cSt at 100°C
Thickener:	Lithium complex
4-Ball EP weld point, kg:	500
4-Ball wear scar, mm:	0.5
Timken OK Load:	65
Specific Gravity:	0.9
Density (lb/gal):	7.5
Dropping Point (ASTM D566):	>500°F (260°C)
Storage:	Store in cool dry area in original or equivalent container in accordance with all regulations. Do not expose to extreme heat or flame. Store below 65°C (150°F), away from strong oxidizers and acids.
Transport Information:	
UN Number:	Not regulated
Proper Shipping Name:	Not regulated
Class:	Not regulated
Packing Group:	Not regulated

Directions:

Pump in grease until all old grease comes out. For best results, it is advisable that old grease be removed prior to application.

DO NOT USE ON OXYGEN SERVICE.

Signal Word: None.

Pictograms:



Personal Protective Equipment Required:



DOT Placard:

Not regulated as dangerous goods or hazardous material.




SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	2723	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	LITHO-LUBE II 65T	EMERGENCY TELEPHONE:	1-800-535-5053
PRODUCT DESCRIPTION:	Lithium Complex Multi-Purpose Grease	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Not classified according to GHS.	SIGNAL WORD: None.	SYMBOL:	NOT A CONTROLLED  PRODUCT UNDER GHS
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HAZARD STATEMENTS:
None.

PRECAUTIONARY STATEMENTS:
None.

OTHER HAZARDS WHICH DO NOT RESULT IN CLASSIFICATION:
High pressure injection under skin is a medical emergency.

3. Composition / Information on Ingredients

Non-hazardous grease based on highly refined mineral oil.

4. First Aid Measures

EMERGENCY OVERVIEW

EYES: Check for and remove any contact lenses. Immediately flush eyes with running water for at least 5 minutes, keeping eyelids open. Get medical attention if redness or irritation persists.

SKIN: Remove contaminated clothing and shoes. Wash skin with soap and water. Get medical attention if irritation symptoms occur.

INHALATION:
Move exposed person to fresh air. Get medical attention if symptoms occur. No symptoms expected.

INGESTION:
Wash out mouth with water. Do not induce vomiting. Get medical attention if nausea or stomach pains occur.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

Use dry chemical, CO₂, water spray (fog) or foam.

UNSUITABLE FIRE EXTINGUISHING MEDIA:

Do not use water jet.

HAZARDOUS COMBUSTION PRODUCTS:

Carbon monoxide, carbon dioxide, products of incomplete hydrocarbon combustion.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus with a full face-piece operated in positive pressure mode.

6. Accidental Release Measures

PERSONAL PRECAUTIONS:

Wear appropriate personal protection equipment (see Section 8).

ENVIRONMENTAL PRECAUTIONS:

Recover free product. If small amount, clean residue with soap and water. Otherwise use suitable oil adsorbent. Dispose of material in accordance with all regulations. Keep product out of sewers and watercourses. Advise authorities if large amounts of product enters waterways or extensive land areas.

7. Handling and Storage

SAFE HANDLING:

Wear appropriate personal protection equipment (see Section 8). Do not eat, drink or smoke when using. Wash thoroughly after handling. Follow good hygiene and housekeeping practices.

SAFE STORAGE:

Store in cool dry area in original or equivalent container in accordance with all regulations. Do not expose to extreme heat or flame. Store below 65°C (150°F), away from strong oxidizers and acids.

8. Exposure Controls / Personal Protection

PERSONAL PROTECTIVE EQUIPMENT:



Eye/Face Protection: Safety glasses. Ensure eye bath is to hand.

Skin Protection: No additional protection required beyond normal industrial attire is required.

Hand Protection: Oil resistant (nitrile) gloves if prolonged or repeated contact is unavoidable.

Respiratory Protection: No special measures required.

APPROPRIATE ENGINEERING CONTROLS:

Use with adequate ventilation.

9. Physical & Chemical Properties

Appearance & Odor:	Amber semi-solid, mild odor	Flammability Limit-lower (%):	No data.
pH:	Not applicable.	Flammability Limit-upper (%):	No data.
Viscosity:	Cone penetration (ASTM D217) 265-295	Vapor Density:	No data.
Flash Point:	235°C (455°F) (Cleveland open cup)	Vapor Pressure:	No data.
Evaporation Rate:	No data.	Relative Density:	0.9
Solubility:	Insoluble in water, soluble in alcohols and petroleum distillates		

10. Stability & Reactivity Information

CHEMICAL STABILITY:

Stable.

CONDITIONS TO AVOID:

Extreme heat.

INCOMPATIBLE MATERIALS:

Strong Oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon monoxide, carbon dioxide

11. Toxicological Information

ACUTE TOXICITY:

Tests on similar materials indicate low acute toxicity.

SKIN CORROSION/IRRITATION:

No ingredients reported to be irritating or corrosive to skin.

SERIOUS EYE DAMAGE/IRRITATION:

May cause mild redness and discomfort on contact with eyes.

SENSITIZATION:

No ingredients reported to be respiratory or skin sensitizers.

GERM CELL MUTAGENICITY:

No ingredients reported to have mutagenic effects.

CARCINOGENICITY:

No ingredients reported to have carcinogenic effects. No ingredients listed as carcinogenic by ACGIH, OSHA, IARC or NTP. Highly refined base oil has <3% DMSO extract as measured by IP346.

REPRODUCTIVE TOXICITY:

No ingredients reported to have reproductive effects.

STOT – SINGLE EXPOSURE:

No ingredients reported to have specific target organ toxicity single exposure effects.

STOT – REPEATED EXPOSURE:

Product may remove oils from skin with repeated or prolonged exposure.

12. Ecological Information

ECOTOXICITY:

No information available for this product regarding toxicity in the environment.

PERSISTENCE/DEGRADABILITY:

Tests on similar products indicate product is not readily biodegradable, at <10% in 28 days.

MOBILITY:

Floats in water. No data available on mobility in soil.

13. Disposal Consideration

WASTE DISPOSAL:

Generation of waste should be avoided or minimized where possible. Empty containers may contain residue. Dispose of non-recyclable material via licensed waste disposal operator. Follow all applicable regulations.

14. Transportation Information

TRANSPORT INFORMATION:

This product is not regulated for transport by USDOT, ADR/RID, IMDG, IATA/ICAO.

15. Regulatory Information

US REGULATIONS:

No ingredient in this product is listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65) or CERCLA (40 CFR 302.4)

STATE REGULATIONS:

California Prop 65: No ingredient listed.

Massachusetts Substances: No ingredient listed.

New Jersey Hazardous Substances: No ingredient listed.

Pennsylvania RTK Hazardous Substances: No ingredient listed.

United States inventory (TSCA): All ingredients listed or exempt.

INTERNATIONAL REGULATIONS:

Canada: WHMIS Classification: Not controlled.

WHMIS: This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

Canada Domestic Substances List: All ingredients listed or exempt.

Europe inventory (EINECS): All ingredients listed or exempt.

16. Other Information**DISCLAIMER:**

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.