

Product Description

D-A ThermoPlex™ 5 is a calcium sulfonate complex grease designed specifically for use in high load and high speed applications with elevated ambient and operating temperatures. Applied to grease fittings and lubrication points, ThermoPlex 5 lubrication offers outstanding mechanical stability for minimized grease run out. D-A ThermoPlex 5 also resists rust and oxidation, has excellent water/salt water resistance and solid protection against heavy shock loads and severe equipment operation. It will not corrode or damage steel, copper bearing alloys or conventional seal materials. ThermoPlex 5 contains 5% molybdenum disulfide (Moly).

ThermoPlex 5 offers a low environmental risk because it is formulated to use no lead, antimony, zinc, barium, chlorine, phosphorus or free sulfur. D-A ThermoPlex 5 shows superior performance in general equipment lubrication as well as in high temperature service.

Product Features and Benefits

Dropping point of 500°F for tough high temperature applications.

Excellent mechanical stability in high load service resists grease breakdown and run-out in both high and low temperature applications.

Molybdenum disulfide (Moly) provides wear control and reduces friction.

Rust and corrosion preventatives protect both ferrous and non-ferrous metals in damp or corrosive environments.

Excellent EP (extreme pressure) protection properties increase component life.

Resists washout from fresh and salt water providing multi-environment applicability.

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D-A Lubricant Company, Inc.

801 Edwards Drive, Lebanon, IN 46052 • TEL: 317.923.5321 • FAX: 765.482.3065 • EMAIL: dalube@dalube.com
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Typical Applications

High Temperature Service

- Cement Plants
- Brick and Block Kilns
- Disc Brake Wheel Bearing Assemblies
- Asphalt Plants
- Paving Equipment
- Hammers and Pile Drivers

General Lubrication

- Construction Equipment
- Logging Machinery
- Mining Equipment
- Truck Chassis
- Industrial Gear and Bearing Sets
- Pit and Quarry Equipment
- Applications with Extreme High Pressure and/or Severe Shear or Frictional Wear.

Typical Properties

NLGI Grade	ASTM D217	#0	#1	#2
Color	Visual	Dark Grey	Dark Grey	Dark Grey
Soap Type	ASTM D128	Calcium Sulfonate Complex		
Dropping Point, °F	ASTM D226	500	500	500
Base Oil Viscosity @ 40°C	ASTM D445	150	150	150
Water Wash-Out, % Loss	ASTM D1264	n/a	5	3
4-Ball Weld Load, kg	ASTM D2596	620	620	620
4-Ball Wear Scar Diameter, mm	ASTM D2266	0.55	0.55	0.55
Timken OK Load, lbs	ASTM D2509	60	60	60
Bearing Rust Test	ASTM D1743	Pass	Pass	Pass
Copper Corrosion Test	ASTM D4048	1b	1b	1b
Molybdenum Disulfide, wt. %	ASTM D128	5%	5%	5%
Rec. Operating Temp Range, °C		-20 to 150	-20 to 150	-20 to 150

D-A Part Numbers:	Drum - 400 lb	12302	11752	11762
	Quarter Drum - 120 lb	12306	11756	11796
	Metal Pail - 35 lb	12308	11759	11769
	Cartridges - 43 lb	n/a	11757T	11767T

Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture. The information contained herein is subject to change without notice.

To Order D-A Products, Call 1-800-OIL-LUBE (1-800-645-5823) or Fax orders to 765-482-3065

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