

ThermoPlex™



Product Description

D-A ThermoPlex™ is a calcium sulfonate complex grease that offers unmatched high temperature lubrication coupled with outstanding mechanical stability for minimized grease run out. D-A ThermoPlex also provides extremely high load carrying capacity, optimized control of rust and corrosion, excellent water resistance and solid protection against heavy shock loads and abusive equipment operation. ThermoPlex contains 3% Moly.

ThermoPlex is proven in the toughest high temperature applications including brick kilns, asphalt plant equipment and wheel bearings associated with disc brakes. Bearing temperatures up to 475° F were encountered with D-A ThermoPlex staying on the job while other aluminum complex, lithium complex and polyurea greases tested failed. Other field testing in shaker screens, cone crushers, conveyors, loaders, trucks, etc. illustrated that D-A ThermoPlex is truly a versatile multipurpose grease with superior performance in high temperature service as well as in general equipment lubrication.

Product Features and Benefits

Dropping point of over 620°F for *tough high temperature applications*. This is not a clay thickened grease so it will stay on-the-job without leaving abrasive residue.

Excellent mechanical stability in heavy duty service *resists grease breakdown and run-out in high and low temperature applications*.

Molybdenum disulfide *provides wear control and reduces friction*.

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

Excellent extreme pressure protection properties *increase component life*.

Combination of high viscosity-high VI base oils/polymer mix *resists thinning in high temperature service to maximize lubricant protection over a broad temperature range*.

ThermoPlex™



Service 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

Typical Properties:

NLGI Grade	2
Soap Type	Calcium Sulfonate Complex
Dropping Point, °F	620+
°C	327+
Penetration @ 77 °F	
Worked 60 strokes	280
Worked 10,000 strokes	285
Worked 100,000 strokes	288
Copper Corrosion	Excellent
Rust Prevention	Excellent
Timken OK Load, lbs.	65
4 Ball Weld Point, KG	500
4 Ball Wear, 40 KG	0.39
1200 RPM, 1 hr. scar dia., mm.	

**To Order D-A Products, Call 1-800-OIL-LUBE (1-800-645-5823)
Or Fax orders to (317) 923-3884**

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