



## **JET-GOLD™ EP**

### **PREMIUM CSC MULTIPURPOSE GREASE**

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Jet-Gold EP is a high-performance calcium sulfonate complex grease designed for demanding applications involving extreme pressure, water, heat, or chemical attack. The thickener system in Jet-Gold EP provides protective benefits similar to molybdenum disulfide, safeguarding equipment from wear under extreme load and slow speed conditions. Jet-Gold EP is effective in neutralizing acids and resisting reactions with caustic materials. It also prevents corrosion when exposed to phosphoric acid fumes.

Jet-Gold EP can safely operate at a continuous temperature of 400°F (204°C) and withstands temperatures up to 550°F (288°C) provided the bearing is replenished every 30 minutes with normal quantities of grease. It can even endure occasional temperature spikes up to 600°F (315°C) for 5 to 10-minute periods without melting or carbonizing.

Jet-Gold EP meets the DIN 51502 standard: KP2R -20.

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Jet-Gold EP 2 is the preferred grade for electric motor bearings. Jet-Gold EP 2 may be used at DN speeds up to 250,000.

### APPLICATIONS:

- **Water / Chemicals:** Phosphate processing, suction and wet end rolls on paper machines, outdoor cranes and ship lifts, boat trailer wheel bearings and other marine applications
- **Highly Loaded Equipment:** Pellet mills, shaker screens, belt conveyor pulleys, slewing bearings, pins and bushings, centrifuges, hammermills, sealed work roll bearings, fan bearings and many others
- **High Temperature Applications:** Oven conveyor bearings, plastic extruder bearings, rotary unions on roto-molders

### BENEFITS:

- **LONG LIFE** - reduced relubrication frequency
- **WATER RESISTANT** - seals out water, even in underwater applications
- **WIDE SPEED RANGE** - recommended for use in electric motor bearings, as well as, slow-moving bearings and bushings

ASTM#	TYPICAL CHARACTERISTICS		
	<b>NLGI Grade</b>	1	2
D-217	<b>Penetration Range</b>	310-340	265-295
D-2265	<b>Dropping Point, °F (°C)</b>	500 (260)	500 (260)
D-445	<b>Kinematic Viscosity (Base Oil)</b>		
	cSt @ 40°C	125	125
	cSt @ 100°C	12	12
D-445	<b>Kinematic Viscosity (with Polymer) cSt @ 40°C</b>	460	460
D-2596	<b>Four Ball EP Weld Point, kg</b>	800	800
D-2266	<b>Four Ball Wear, Scar Width, mm</b>	0.60	0.45
D-4049	<b>Water Spray-Off, % Loss</b>	--	<1
D-1264	<b>Water Washout, % Loss</b>	<2	<2
D-1743	<b>Rust Test</b>	Pass	Pass
	<b>Thickener Type</b>	Calcium Sulfonate	Calcium Sulfonate
OEM Standard	<b>Low Temperature Pumpability</b> Lincoln Ventmeter @ 400 psi, °F (°C)	12 (-11)	34 (1)

The above are average values. Minor variations which do not affect product performance are to be expected in normal manufacturing.

Learn more  
[jetlube.com/product/jet-gold-premium-csc-multipurpose-grease](https://jetlube.com/product/jet-gold-premium-csc-multipurpose-grease)



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