



Petro Plate M5/800 #00

Product Data Sheet

Product Description

Petro Plate M5/800 #00 is a calcium sulfonate complex thickened lubricating grease. It is specially formulated for mining equipment, construction equipment, and other heavy duty applications. This grease contains 5% molybdenum disulfide for protection against the most severe shock loads that affect pins, bushings, and joints on heavy duty equipment. Petro Plate M5/800 #00 grease is fortified with additives that insure long service life and excellent corrosion resistance. Typical applications are electric and hydraulic shovels, draglines, haul trucks, loaders, crawler and rubber tire dozers, pins, bushings, and low to medium speed bearings.

Features & Benefits

- Excellent pin and bushing life.
- Superb mechanical stability.
- Outstanding EP performance.
- Exceptional water wash-out resistance.
- Excellent performance in wet conditions.
- Superior resistance to rust and corrosion.
- Environmentally friendly grease that doesn't contain any additives such as lead, antimony, zinc, barium, or phosphorous.

Product Application

Petro Plate M5/800 #00 can be applied through all automatic lubrication equipment or manually through a hand held grease gun.

Petro Plate M5/800 #00 is available in 35 lb pails, 120 lb kegs, 400 lb drums, and bulk containers.

Notes

Petro Plate M5/800 #00 is designed to extend component service life while reducing lubricant consumption in all applications. If in doubt regarding the volume and/or frequency of lubricant to a specific lube point, contact a Petron Service Representative @ 1-800-757-5796.

If you require further information contact Petron at: info@petroncorp.com

Petro Plate M5/800 #00

Property	Test Method	Petro Plate M5/800 #00
NLGI GRADE		00
Thickener		Calcium Sulfonate Complex
Penetration, Worked 60 strokes	ASTM D-217	400 – 430
Copper Strip Corrosion	ASTM D-4048	1a
Oxidation Stability (100 hr, psi loss)	ASTM D-942	7 max
Four Ball EP Test, weld point, kg	ASTM D-2596	620
Four Ball Load Wear Index	ASTM D2596	100
Four Ball Wear Scar Diameter	ASTM D-2266	0.5 mm
Mobility, grams/minute @ -10°F (-23°C)	US Steel Method	14.14
Mobility, grams/minute @ -20°F (-29°C)	US Steel Method	5.22
Particle Size, micron	---	<5
Molybdenum Disulfide, wt%	---	5.0
Base Oil Viscosity, cSt @ 104°F (40°C)	ASTM D-445	150

IMPORTANT: Before using Petro Plate M5/800 #00, always be sure to read and follow precautions and directions appearing on the product container.

This information is provided in good faith, but no warranty, express or implied, is given or to be inferred. The final determination of the suitability of the product for an application is the user's sole responsibility.