



Petrotac EP Premium

Open Gear Lubrication

Product Data Sheet

Product Description

Petrotac EP Premium is Petron Corporation's newest offering in shovel and dragline Open Gear Lubrication designed to meet the latest requirements of leading OEMs. Petrotac EP Premium is a semi-synthetic, heavy-duty, extreme pressure Open Gear Lubricant designed to lubricate open gears on shovels, draglines, and associated mining equipment under all conditions. Petrotac EP Premium can also be applied in sleeve type bushings and bearings and anti-friction bearings that, by definition, are slow speed/high load.

Petrotac EP Premium is manufactured from a select blend of high viscosity index base oils and poly alpha olefin (PAO) synthetic base fluids. These base fluids are blended to provide Petrotac EP Premium with exceptional adhesive film-forming characteristics. The ability of Petrotac EP Premium to form this film and resist "squeeze out" also allows the lubricant to cling tenaciously to vertical gearing and sliding surfaces that are predominant in mining mobile equipment.

Features & Benefits

- High Viscosity Semi-Synthetic Fluid designed to lubricate heavily loaded open gears and extend component life while reducing consumption.
- Solid anti-wear and extreme pressure additives provide unparalleled protection in the most heavily loaded zones of gear tooth mesh.
- Petrotac EP Premium is available in two grades to accommodate a wide temperature range; 10-B and 30-B. 30-B is recommended for ambient temperatures ranging from 20°F (-7°C) and above. For applications below 20°F (-7°C) use 10-B.
- Weld load protection greater than (>) 800 kg.
- Lubricant resists wash-off in rain and snow.
- Environmentally friendly, does not contain any solvents.

Product Application

Petrotac EP Premium is designed to lubricate open gears on shovels, draglines, and associated mining equipment under all conditions. Petrotac EP Premium may be applied by spraying, brushing, or dripping. Petrotac EP Premium is designed to be applied through all automatic lubrication equipment. Petrotac EP Premium is available in pails, kegs, drums, bin tanks, and tank truck.

Notes

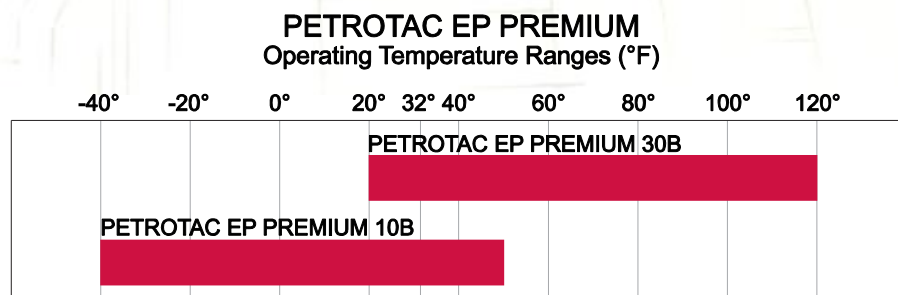
Petrotac EP Premium exceeds OEM base oil viscosity requirements for open gear lubricants on shovels and draglines.

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

Petrotac EP Premium

Open Gear Lubrication

Property	Method	Typical Data	
		10B	30B
Color	Visual	Black	Black
Appearance	Visual	Viscous Semi-Fluid	Viscous Semi-Fluid
Specific Gravity	ASTM D-1298	1.02	1.07
Flash Point	ASTM D-92	275°F(135°C)	241°F(116°C)
4 Ball EP Weld Point (kg) (base product)	ASTM D-2596	>800	>800
4 Ball Load Wear Index (base product)	ASTM D-2596	131	136
4 Ball Wear Scar (mm) (base product)	ASTM D-2266	0.7	0.7
Rust	ASTM D-1743	Pass	Pass
Copper Strip Corrosion	ASTM D-4048	1A	1A
Ventmeter, 600 (psi)	Lincoln VE-1	-30°F@<150 sec	20°F@<30sec
Base Oil Viscosity @ 40°C	ASTM D-445	50,000 cSt	50,000 cSt



Testing listed is typical, no warranty is expressed or implied regarding results obtained from use. Information contained on this Product Data Sheet is subject to change without notification. Before using product name, always be sure to read and follow precautions and directions for use appearing on the product container. Seller shall not be liable for any loss or damage.

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