

Product Data Sheet

Product Description

Petrotac EP Compound is a semi-synthetic, heavy duty, extreme pressure Open Gear Lubricant designed to lubricate open gears on shovels, drag lines, and associated mining equipment under all conditions. Petrotac EP Compound can also be applied in sleeve type bushings and bearings and anti-friction bearings that, by definition, are slow speed/high load.

Petrotac EP Compound is manufactured from a select blend of high viscosity index (VI) paraffin base oils and poly alpha olefin (PAO) synthetic base fluids. These base fluids are blended to provide Petrotac EP Compound with exceptional adhesive film-forming characteristics. The ability of Petrotac EP Compound 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 is available in two formulations. Compound 20 is recommended for use in ambient temperatures ranging from -20°F (-29°C) to 50°F (10°C). Compound 30 is recommended for use in ambient temperatures ranging from 32°F (0°C) and above.
- Lubricant resists wash-off in rain and snow.
- Environmentally friendly. Does not contain chlorinated solvents or lead and is free of all carcinogens.

Product Application

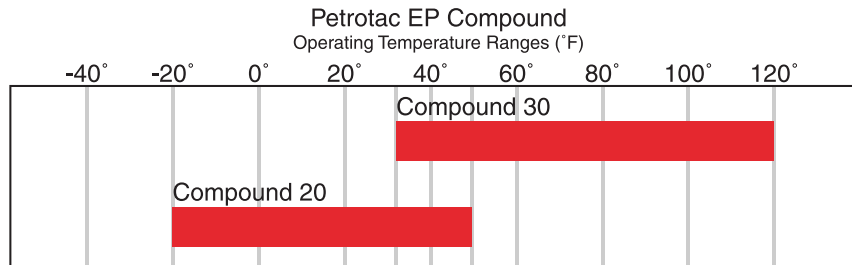
Petrotac is designed to lubricate open gears on shovels, drag lines, and associated mining equipment under all conditions. Petrotac may be applied by spraying, brushing, or dripping. Petrotac is designed to be applied through all automatic lubrication equipment.

Petrotac is available in pails, kegs, drums, bin tanks, and tank truck.

Notes

Petrotac 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 COMPOUND

Property	Test Method	Typical Data	
		Compound 20	Compound 30
Color	Visual	Black	Black
Appearance	Visual	Viscous, Semi-Fluid	Viscous, Semi-Fluid
Specific Gravity	ASTM D-1298	1.0	1.0
Flash Point	ASTM D-92 (C.O.C.)	>200°F (>93°C)	>200°F (>93°C)
4 Ball EP	ASTM D-2596		
Weld Point (Kg)		400	400
Load Wear Index (Kg)		70	70
4 Ball Wear	ASTM D-2266		
Scar Diameter (mm)		0.46	0.57
Timken OK Load (Lbs)	ASTM D-2509	50	50
Rust	ASTM D-1743 24 Hr. @ 60°C	PASS	PASS
Ventmeter (psi)	Lincoln VE-1	550 @ 30 sec. (-20°F / -29°C)	300 @ 30 sec. (30°F / 0°C)
Operating Temperature Range		-20°F (-29°C) to 50°F (10°C)	32°F (0°C) and above
Base Oil Viscosity	ASTM D-445		
SUS @ 210°F		2,600	2,600
cSt @ 100°C		540	540

IMPORTANT: Before using Petrotac EP Compound, always be sure to read and follow precautions and directions for use appearing on the product container.