Petrotac EP Premium

Open Gear and Multi Service 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, sticks, circle rails and rollers on shovels, draglines, and associated mining equipment under all conditions. **Petrotac EP Premium** can also be used as multi service lubricant for shovels, trucks and other pit equipment to lubricate low speed, heavy loaded bearings and bushings.

Petrotac EP Premium is manufactured from a select blend of high viscosity index base oils and polyalphaolefin (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 is designed to lubricate heavily loaded open gears, sticks, circle rails and rollers 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 multiple grades to accommodate a wide range of ambient temperatures. **Premium 30B** is recommended for ambient temperatures ranging from 20ºF (-7ºC) and above. **Premium 20B** is recommended for ambient temperatures ranging from -15ºF (-26ºC) to 77ºF (25ºC). For applications where the ambient temperature does not exceed 20ºF (-7ºC), **Premium 10B** is recommended.
- Weld load protection is greater than 800kg.
- Lubricant resists wash-off in rain and snow.
- Environmentally friendly, does not contain any solvents.

Product Application

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, bags, bin tanks, and tank trucks.

Notes

Petrotac EP Premium exceeds OEM base oil viscosity requirements for open gear lubricants on shovels and draglines. **Petrotac EP Premium** meets or exceeds the key performance requirements of CAT SD 4713 and P&H 464 specifications.

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

Petrotac EP Premium

Open Gear and Multi Service Lubrication

Property	Method	Typical Data 10B	20B	30B
Color	Visual	Black	Black	Black
Appearance	Visual	Viscous Semi-Fluid	Viscous Semi-Fluid	Viscous Semi-Fluid
Specific Gravity	ASTM D1298	0.98	0.98	1.00
Flash Point, °C	ASTM D92	>300°F(148°C)	>284°F(140°C)	>300°F(148°C)
4-Ball EP Weld, kg	ASTM D2596	>800	>800	>800
Rust	ASTM D1743	Pass	Pass	Pass
Copper Strip Corrosion	ASTM D130	1A	1A	1A
Ventmeter, seconds to 600 psi	Lincoln VE-1	-30°F @ <150 seconds	-15°F @ <150 seconds	20°F @ <30 seconds
Base Oil Viscosity, cSt @ 40°C	ASTM D445	50,000	50,000	50,000

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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.