



# 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 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 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 (>) 800kg.
- 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](mailto: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  | 1.00               | 1.01               |
| Flash Point               | ASTM D-92    | >300°F(148°C)      | >300°F(148°C)      |
| 4 Ball EP Weld Point (kg) | ASTM D-2596  | >800               | >800               |
| 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.