



Petrotac EAL 30

Environmentally Acceptable
Open Gear Lubricant

Product Data Sheet

Product Description

Petrotac EAL 30 is an environmentally acceptable, heavy-duty, extreme pressure open gear lubricant designed to lubricate open gears and pins on shovels, draglines, loaders, dozers and other associated mining equipment. **Petrotac EAL 30** can also be used in sleeve type bushings and bearings and anti-friction bearings that, by definition, are slow speed/high load.

The Environmentally Acceptable **Petrotac EAL 30** has been formulated using readily renewable bio-based viscous fluids. Specially selected additives to help protect the gearing from extreme pressure, corrosion, rust, and anti-wear make the **Petrotac EAL 30** an excellent selection for many open gear applications. **Petrotac EAL 30** meets the specifications required by the EPA's Vessel General Permit (VGP).

The preservation of our unique ecosystem is particularly important to Petron. Petron's **Petrotac EAL 30** lubricant allows you to operate with respect for the environment, and without compromising on productivity or maintenance costs.

Features & Benefits

- **Petrotac EAL 30** passes Biodegradability testing for a lubricant formulation, OECD 301B.
- **Petrotac EAL 30** passes Toxicity testing OECD 201, 202, and 203.
- Meets the Vessel General Permit (VGP) as an Environmentally Acceptable Lubricant.
- High viscosity lubricant designed to lubricate heavily loaded open gears and pins extending 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 and pins.
- **Petrotac EAL 30** can be used in temperatures from 113°F (45°C) down to -4°F (-20°C).
- Weld load protection greater than 800 kg.

Product Application

Petrotac EAL 30 is designed to lubricate open gears and pins on shovels, draglines, and associated mining equipment under all conditions. It can also be used on rails, rollers, mine rolling stock and crushers. **Petrotac EAL 30** may be applied by spraying, brushing, or dripping. **Petrotac EAL 30** is designed to be applied through all automatic lubrication equipment.

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



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Property	Test Method	Typical Data
Color	Visual	Black
Appearance	Visual	Viscous
Finished Viscosity, cPs @ 72°F	ASTM D445	88,000
Flash Point	ASTM D92 (C.O.C.)	>365°F (>185°C)
4 Ball, Weld, kg	ASTM D2596	>800
Load Wear Index	ASTM D2596	153
4 Ball Wear (scar diam., mm)	ASTM D2266	0.6
Ventmeter, 600 psi	Lincoln VE-1	-4°F (-20°C) @ 30 seconds
Rust Prevention	ASTM D665	Pass

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.