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TECHNICAL DATA SHEET

Journal Guard AYG Journal Guard 1200 Journal Guard 2400

Overview: Interlube Journal Guard family of products are designed for use where a fluid lubricant is required for plain journal bearings in railroad car journal boxes and traction motor suspension bearings on railroad locomotives.

They contain additives that give them extended oxidation protection, improve adhesion of the oils, enhance the cohesion of the entire formulation, increase their viscosity indexes, and improve the rust protection.

Journal Guard 1200 (ISO 220) and 2400 (ISO 460) are specially formulated to improve adhesion to the metal surfaces and resist run off from journals stored for long periods of time.

Journal Guard AYG (ISO 68) not only meets, but substantially exceeds, the AAR specification M-963-84 requirements for all year grade journal oil. They perform just as the two monograde products but with the added benefit of wide temperature performance. It is designed to help railroads reduce costs incurred in storing equipment for extended periods of time.

All of the **Journal Guard** family of products provide excellent rust and oxidation protection and maintain a protective film on the journal and bearing surfaces even when they are standing still. This helps to extend journal and bearing life by reducing bearing surface damage. Their distinctive red color identifies the **Journal Guard** products and aids in tracing leaks.

Operational Benefits: These products offer these competitive advantages to enhance your reliability:

- **Improved Adhesion on Metal Surfaces • High/ Extremely High Viscosity Index (VI)**
- Allows for Wide Temperature Performance • Excellent Rust and Oxidation Resistance •**
- Tenacious Protective Film Even when not in Use • Non-Zinc Formulation for Reduced Environmental Impact**

Application:

- **Railroad Journals and Bearings**

Typical Industries: This product is commonly used (but not exclusively) in the following industries:

- **Commercial / Passenger Railroads • Amusement Parks / Zoo Trains • Subways •**
- Switchyards • Material Movement at Industrial Manufacturing Plants**

International Manufacturer & Distributor of the World's Finest Lubricants & Cleaning Compounds



Journal Guard 1200 / 2400 / AYG

Technical Properties

Property	Journal Guard 1200	Journal Guard 2400	Journal Guard AYG*
Appearance	Clear, Heavy Oily Liquid	Clear, Heavy Oily Liquid	Clear, Medium Oily Liquid
Color	Red	Red	Red
Flash Point (COC), °F (ASTM D92)	>400	>420	>420
Viscosity (ASTM D446) SUS @ 100°F ISO Viscosity Grade	1200 220	2400 460	357.4 68
Viscosity Index	>120	>120	128
Moisture, Max %	<.01	<.01	<.01
Rust Protection (ASTM D1748)	Pass	Pass	Pass

The values shown are typical of current production. All of them may vary within tolerable ranges.

