

# No Rust Journal Bearing Oil



## Product Description

**D-A No Rust Journal Bearing Oil** is a high quality, low pour point lubricating oil designed specifically for use in railroad car journal boxes utilizing plain bearings. It is formulated with premium paraffinic base oils and a balanced heavy-duty additive system that provides superior performance over a wide range of service conditions.

The term “journal” in conventional machine design applies to that part of the shaft which revolves and is supported by the bearing. The “journal bearing,” is the cylinder which surrounds the shaft and provides a frictionless hydrodynamic barrier to support and guide the rotating shaft.

## Product Features and Benefits

**D-A No Rust Journal Bearing Oil** is a multi-viscosity rust inhibited lubricating oil that provides exceptional lubrication during start-up, as well as the proper viscosity and film strength required under various operational speeds. This product incorporates a pour point depressant to ensure an adequate supply of oil to the journal over a wide range of operating temperatures. It is further enhanced with a highly effective additive system that controls deposits and provides outstanding rust and corrosion protection. Additionally, this product provides:

- Excellent fluidity
- Good shear stability
- Good water separability
- Outstanding resistance to foaming

**D-A No Rust Journal Bearing Oil** is designed for the lubrication of railcar and locomotive journal bearings and conforms to the stringent requirements of the Association of American Railroads (AAR) Specification M-963-84 Standard for “All-Year Journal Box Lubricating Oil.” Meets the EMD & GE Ashless requirements. It is recommended for use in saturating lubricating devices, plain journal bearing waste saturation, pad lubrication, and free oiling of journal boxes. Always follow the manufacturer’s recommendations regarding equipment and lubricant maintenance.

## Typical Properties

ISO Viscosity Grade	Test Method	68
Viscosity @ 100°C, cSt	ASTM D445	8.7
@ 40°C, cSt	ASTM D445	65
Viscosity Index	ASTM D2270	106
Pour Point, °F (°C)	ASTM D97	-38 (-39)
Flash Point, °F (°C)	ASTM D92	453 (234)
API Gravity	ASTM D4052	29.5

### D-A Part Number:

Drum – 55 Gal

73052