



Royal Indigo Grease

High Performance Multi-Purpose EP Grease

Royal Indigo Grease is a premium, extreme pressure, tacky multi-purpose, extended service life grease. This high performance Aluminum Complex grease is based on unique synthesized aluminum complex soap thickener formulated in highly refined petroleum base oils.

Royal Indigo Grease exhibits excellent thermal stability, excellent high & low temperature capabilities, superior anti-corrosion and anti-oxidant characteristics and excellent extreme pressure and anti-wear properties. Being aluminum complex soap based, this grease has excellent water resistance characteristics and will not washout.

Royal Indigo Grease is compatible with all aluminum complex greases. Also, this grease is not affected by hydrogen sulfide (H₂S) encountered in sour crude or gas and is resistant to salt water corrosion.

Product Features:

- Excellent extreme pressure properties
- Very good oxidation and rust protection
- Thixotropic and outstanding high temperature properties
- Outstanding water resistance

Customer Benefits:

- Works efficiently under severe heavy and shock load conditions
- Protects against rust and corrosion
- Protects bearing from momentary exposure to very high temperatures
- Does not washout under water ingress conditions

Applications:

- This excellent performing grease is recommended for both high temperature and water borne applications in any industry. This grease is also designed for slow to medium speed, moving bearings. This grease performs exceptionally well in steel mills, mining, construction, marine, oil exploration, refining processes and can be used in a number of other industries.



Typical Properties

Royal Indigo Grease

Product Number	973 BD	973 BA	Test Method
NLGI Grade	00	2	ASTM D217
Viscosity@40°C, cSt	224	224	ASTM D445
Viscosity@100°C, cSt	17.4	17.4	ASTM D445
Viscosity@100°F, SUS	1194	1194	ASTM D445
Viscosity@210°F, SUS	89.9	89.9	ASTM D445
Drop Point, °F	-	+500	ASTM D2265
Worked Penetration@25°C	(400-430)	(265-295)	ASTM D217
Water Washout 175°F, %wt	5.0% max	5.0% max	ASTM D1264
Texture	Smooth	Smooth	Visual
Timken OK load, lbs	50	60	ASTM D2509
Weld Load, kg	400	400	ASTM D2596
Rust Test	Pass	Pass	ASTM D1743
Thickener Type	Aluminum Complex	Aluminum Complex	-
Color	Sparkling Blue	Sparkling Blue	Visual

These properties are typical of the current production. Variations that do not affect product performance are to be expected depending on blending and manufacturing locations. The information above is subject to change without notice.

Health and Safety:

This product is unlikely to have any adverse health implications or safety hazards when used for its intended application. Avoid contact with skin, use resistant gloves when handling used oil. If skin comes in contact wash immediately with soap and water. For complete information on safe handling and product characteristics please refer to the Material Safety Data Sheet (MSDS) found on our website.

www.royalmfg.com or call (918)-584-2671.

Packaging options:



14 oz. Tubes



35 lb. Pails



120 lb. Kegs



400 lb. Drums



2,000 lb.
Disposable Totes



50,000 lb. Bulk