PRODUCT INFORMATION SHEET

WYNN'S AUTOFEED EP O GREASE

Product Number: 51220 20 kg

WYNN'S AUTOFEED EP O GREASE is a premium lithium-soap thickened grease of NLGI Grade No. 0 consistency, formulated to outperform ordinary No. 0 grade greases in all applications particularly the heavily loaded, extreme pressure and high wear conditions found in Australia. This complex formulation contains the unique Wynn's Friction Proofing package and displays good thermal stability, and resistance to moisture and corrosion. It reduces operating temperatures, increases bearing life and extends re-greasing intervals.

Advantages

- Wynn's Friction Proofing is engineered to overcome high frictional loads, wear and subsequent bearing failure by treating the bearing surface with a package of unique extreme pressure compounds.
- Reduces bearing temperatures thereby promoting longer bearing life and extending re-greasing intervals due to reduced grease oxidation.
- High moisture and corrosion resistance due to the stable lithium-soap base, combined with a unique oxidation/corrosion inhibitor package.

Wynn's Autofeed EP O Grease is formulated to:

- Separate opposing metal surfaces thereby reducing wear.
- Have a dropping point in excess of 180°C.
- Be stable over a wide temperature range.
- Resist breakdown as a result of mechanical action.
- Meet the requirements of NLGI grade No. 0.
- Prevent rust and corrosion of metallic components under humid and wet conditions.

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- Extend grease life by reducing oxidation.
- Reduce the formation of high temperature deposits.
- Extend component life by preventing wear.
- Provide protection over a wide range of operating temperatures.
- Reduce operating temperatures under high load conditions.
- Prevent scuffing and galling.

Applications

Wynn's Autofeed EP O Grease meets the lubrication requirements of a wide variety of applications that call for a No. 0 grease.

- Bearings - Industrial and Automotive
- Grease lubricated journals
- Fine mesh gears
- Flexible gear couplings
- Automatic greasers
- Ball and universal joints
- Autofeed applicators

Wynn's Autofeed EP O Grease is particularly suited to industry and fleet applications including agriculture and mining industries.

Wynn's Autofeed EP O Grease is compatible with most lithium based greases but for best results, removal of the old grease is recommended.

Apply using commercially available grease applicators depending on the specific application.

Typical Characteristics

PROPERTY	TEST METHOD	TYPICAL
NLGI Grade	-	No. 0
Colour	-	Golden Red
Texture	-	Thin Smooth
Thickener Type	-	Lithium Soap
Penetration at 25°C (mm/10) Unworked Worked, 60 Strokes	ASTM D 217	 360 365
Dropping Point (°C)	ASTM D 2265	190
Roll Stability Penetration (Change %)	ASTM D 1831	 Nil
Oil Separation, 24 hours at 25°C (% mass)	ASTM D 1742	 1.5
Oxidation Stability pressure drop at 100 hours (kPa)	ASTM D 3336	 25
Rust Prevention (Rating)	ASTM D 1743	1,1,1
Timken OK Load (kg)	ASTM D 2509	25
4-Ball EP Test Load Wear Index (kg) Weld Point (kg)	ASTM D 2596	 70 385
4-Ball Wear Test (40kg) 1 hour 1200 rpm @ 75°C, scar (mm)	ASTM D 2266	 0.40
Base Oil Viscosity at 40°C (cSt) at 100°C (cSt)	ASTM D 445	 330 22.7
Base Oil Viscosity Index	ASTM D 567	85
Base Oil Flash Point (°C)	ASTM D 92	260
Operating Range (°C)	-	-23 to 160
Copper Strip Corrosion 3 hours @ 100°C	ASTM D 130	 1b

Compatibility

The following table gives the compatibility of Wynn's Autofeed EP O Grease (with its lithium simple soap thickener) with other greases.

Thickener	Aluminium Complex	Barium Complex	Calcium Simple	Calcium Sulphonate Complex	Bentonite Clay	Lithium Simple	Lithium Complex	Polyurea	Sodium
Aluminium Complex	C	I	I	I	I	B	B	B	I
Barium Complex	I	C	I	I	I	I	I	I	I
Calcium Simple	I	I	C	C	I	C	C	C	I
Calcium Sulphonate Complex	I	I	C	C	I	B	B	B	I
Bentonite Clay	I	I	I	I	C	I	I	I	I
Lithium Simple	B	I	C	B	I	C	C	B	B
Lithium Complex	B	I	C	B	I	C	C	B	B
Polyurea	B	I	C	B	I	B	B	C	I
Sodium	I	I	I	I	I	B	B	I	C

I: Incompatible.
C: Compatible.
B: Borderline, sample should be checked.*

* It is always good industry practice not to mix different brands of greases, and to clean or purge previous greased lubrication systems.