



PRODUCT INFORMATION SHEET

WYNN'S MULTIFLEET GREASE

Product Number: 51020 20 kg 51045 20 x 450 g

WYNN'S MULTIFLEET GREASE is formulated to NLGI Grade No. 3 consistency for heavy-duty and extreme-pressure applications within the transport, earthmoving, marine, rural and mining industries.

Wynn's Multifleet Grease is a lithium soap thickened grease with the following characteristics: high adhesion, water wash resistance, extreme shock load protection, high thermal and oxidation stability.

Advantages

Wynn's Multifleet Grease is scientifically fortified with Wynn's Friction Proofing, to provide the following advantages:

- Resists hammering, sling-out and throw-off due to the complex structural features imparted by the very adherent tackifiers.
- Displays extremely good water wash-out and humidity resistance due to the nature of the fibrous lithium soap thickener.
- Unique and demonstratable ability to withstand extreme pressure and shock loading while providing superior wear protection.
- Very high thermal and oxidation stability under severe conditions.
- Broad operation in high and low temperature applications.

Benefits

Wynn's Multifleet Grease is formulated for extreme-pressure and wear protection, and to provide the following benefits:

- Protects all moving parts from shock loadings.
- Prevents scuffing and reduces wear because Wynn's Multifleet Grease has excellent shear stability, high shock load and extreme pressure characteristics.
- Water Resistant to minimise water wash-out so that Wynn's Multifleet Grease provides lubrication under this adverse situation.
- Extended ball joint life because of the high level of extreme pressure additives present.
- High shear stability ensures long service life. The excellent resistance to mechanical shear combined with high film strength, maintains grease consistency for extended lubrication service.
- Oxidation inhibition assures long service life.
- Rust and corrosion inhibition promotes effective lubrication under difficult environments which may be corrosive or rust prone service situations. These inhibitors protect all metal components under these adverse conditions.

Applications

- ROAD TRANSPORT: Shackles, torsion bars, universal joints, brake arms, turntables, and general chassis points.
- EARTH MOVING: Bucket pins, bushes, slides, cams and gears.
- RURAL: Tractors, pumps, mowers, harvesters, trucks, trailers, tillers, seeders, drills and cultivators.
- MARINE: Bushes, shackles, deck winches, and jibs.
- MINING: Drill rigs, excavators, shovels, dump trucks, jaw crushers, conveyors, pumps, mills, dozers, trenchers, underground miners and shuttle cars.

Wynn's Multifleet Grease is compatible with most lithium soap thickened greases, however for best results, the removal of the old grease prior to filling, is recommended.

Typical Characteristics

PROPERTY	TEST METHOD	TYPICAL
NLGI Grade	-	No. 3
Colour	-	Blue-Green
Texture	-	Thick Smooth
Thickener Type	-	Lithium Soap
Penetration at 25°C (mm/10) Unworked Worked, 60 Strokes Worked, 100,000 Stokes (Change %)	ASTM D 217	240 240 + 8
Dropping Point (°C)	ASTM D 2265	200
Roll Stability Penetration (Change %)	ASTM D 1831	Nil
Leakage, Wheel Bearing (65g Packed) at 163°C (g)	ASTM D 1263	1.3
Water Washout at 80°C(% loss)	ASTM D 1264	3.5
Oil Separation, 24 hours at 25°C (% mass)	ASTM D 1742	1.5
Oxidation Stability Pressure drop at 100 hours (kPa) Pressure drop at 500 hours (kPa)	ASTM D 3336	18 75
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	72 390
4-Ball Wear Test (40 kg) 1 hour 1200 rpm @ 75°C, scar (mm)	ASTM D 2266	0.38
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)		-18 to 165
Copper Strip Corrosion 3 hours @ 100°C	ASTM D 130	1b

Compatibility

The following table gives the compatibility of Wynn's Multifleet 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.