



PRODUCT DATA SHEET



TERMALENE[®] HEAVY DUTY CONSTRUCTION GREASE

Termalene Heavy Duty Construction Grease, commonly known as Termalene EP 2C Ex Tacky Grease, is a very tacky, aluminum complex, Extreme Pressure grease designed to be used on bearings, pins and bushings, or sliding surfaces. **Termalene Heavy Duty Construction Grease** has exceptional anti-wear and waterproof characteristics which increase bearing life. Extreme Pressure characteristics combined with excellent mechanical stability provide a constant high level of protection throughout use. **Termalene Heavy Duty Construction Grease** offers exceptional retention properties which can be attributed to its water resistance and extreme tackiness.

Applications

- ◆ All types of plain and anti-friction bearings found on construction, farm and mining machinery
- ◆ Pins and bushings and sliding surfaces such as ways and fifth wheels
- ◆ Bearings that are subjected to severely wet conditions, e.g., the “wet end” on paper machines or equipment exposed to sea water

Features and Benefits

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| ◆ Mechanical stability | Does not thin despite prolonged shearing, permitting lubrication frequencies to be extended. |
| ◆ Extreme Pressure and anti-wear properties | Maximizes component life helping to reduce replacement part costs and lost production time. |
| ◆ Virtually waterproof | Offers excellent resistance to water washout, even when exposed to the action of hot process water. |
| ◆ Extremely adhesive | The retentive nature of the grease provides optimum parts life while reducing relubrication to an absolute minimum. |

General Description

Termalene Heavy Duty Construction Grease is an extremely adhesive aluminum complex grease offering outstanding shear stability as well as controlled mobility. The load carrying and anti-wear capabilities are superior to conventional greases in applications where bearings are subjected to very high loads, slow speeds and elevated temperatures.

Product No. 301338

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TYPICAL PROPERTIES

<u>Product No.</u>	<u>301338</u>
<u>Old Product No.</u>	<u>72560</u>
NLGI Grade	2
Penetration, worked (60 strokes), ASTM D217 mm/10	284
Thickener Type	Aluminum Complex
Base Fluid Type	Mineral Oil with Synthetic Polymer
Viscosity (Base Fluid), ASTM D445 @ 40°C, cSt	269
@ 100°C, cSt	23.4
Viscosity (Base Fluid), ASTM D2161 @ 100°F, SUS	1421
@ 210°F, SUS	119
Dropping Point, ASTM D2265 °C (°F)	>260 (>500)
Water Washout, ASTM D1264 @ 38°C (100°F), loss, weight %	0.75
@ 79°C (175°F), loss, weight %	4.5
4-Ball EP Test, ASTM D2596 Weld Load, kg	400
Load Wear Index, kg	51.3
Timken EP Test, ASTM D2509 OK Load, kg (lb)	22.8 (50)
Rust Protection, ASTM D1743, rating	Pass
Useful Temperature Range °C	-12 to 177
(°F)	(10 to 350)
Color	Sparkle Red