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TERMALENE® EP GREASE

Termalene® EP Grease is a severe duty, impact resistant aluminum complex grease recommended for general lubrication service in both mining and industrial applications. It will replace most conventional and specialized products. **Termalene EP Grease's** low oil separation and good pumpability make it ideal for use in automatic lubrication systems.

Applications

- ◆ Typical mining applications are general machinery lubrication on draglines and shovels, electric wheel motor sealing, anti-friction bearings, low and high-speed journal bearings, conveyors, shaker or classifier bearings, crusher bearings and most any heavy-duty application
- ◆ Typical industrial and mobile equipment applications are anti-friction bearings, low and high-speed journal bearings, general machinery lubrication, all chassis points including ball and universal joints, wheel bearings, king pins, fifth wheels and other severe duty applications

Features and Benefits

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|----------------------|---|
| ◆ High load capacity | Impact resistance and retention properties ensure bearings will remain lubricated, resisting metal-to-metal contact, assuring longer component life. |
| ◆ Water resistant | Excellent lubrication in the presence of water, protecting bearing surfaces against corrosion. Has excellent resistance to oxidation, ensuring the working life of the lubricant. |

General Description

Termalene EP Grease is a multi-purpose, extreme pressure, water resistant lubricant manufactured with paraffinic base oils, an aluminum complex thickener and rust and oxidation inhibitors. It provides outstanding film strength, adhesive properties, superior wear protection in heavily loaded and shock-load conditions. This product provides excellent lubrication over a wide range of operating conditions.

Product No. 7240, 7242, 7244, 7246

TERMALENE[®] EP GREASE

TYPICAL PROPERTIES

<u>Product No.</u>	<u>7240</u>	<u>7242</u>	<u>7244</u>	<u>7246</u>
NLGI Grade	0	1	2	3
Penetration, worked (60 strokes), ASTM D217	368	319	287	245
100,000 strokes, mm/10	380	340	300	265
Thickener Type	Aluminum Complex	Aluminum Complex	Aluminum Complex	Aluminum Complex
Viscosity (Base Fluid), ASTM D445				
@ 40°C, cSt	180	180	180	180
@ 100°C, cSt	16.2	16.2	16.2	16.2
Viscosity (Base Fluid), ASTM D2161				
@ 100°F, SUS	950	950	950	950
@ 210°F, SUS	84.7	84.7	84.7	84.7
Dropping Point, ASTM D2265				
°C	249	254	260	260
(°F)	(480)	(490)	(500)	(500)
Oxidation Stability, ASTM D942				
Pressure drop @ 100 hrs, kPa (psi)	20.7 (3)	13.8 (2)	13.8 (2)	13.8 (2)
Water Washout, ASTM D1264				
@ 38°C (100°F), loss, weight %	3.50	0.08	0.04	0.03
4-Ball EP Test, ASTM D2596				
Weld Load, kg	400	400	400	400
Load Wear Index, kg	51.3	51.3	51.3	51.3
Timken EP Test, ASTM D2509				
OK Load, kg (lb.)	22.8 (50)	22.8 (50)	22.8 (50)	22.8 (50)
Rust Protection, ASTM D1743, rating	Pass	Pass	Pass	Pass
EMCOR Rust Protection, ASTM D6138, rating	0,0	0,0	0,0	0,0
Reversibility	Excellent	Excellent	Excellent	Excellent
Color	Red	Red	Red	Red