



Black Bulls LithPlex Greases

Lithium Complex High Temperature (EP)

Description

Black Bulls **Lithium Complex (LithPlex)** is a family of high temperature, extreme pressure greases formulated to meet most demanding automotive and industrial needs. The LithPlex ranges include HT-EP 00, HT-EP 0, HT-EP 1 and HT-EP-2.

Lithium Complex (LithPlex) HT-EP

Black Bulls Lithium Complex soap grease for almost any application. Excellent water resistance, excellent shear stability and longer life. **LithPlex** is a grease of choice for heavy load, extreme pressure and high temperature applications.



Performance Classification: DIN-51825-KP1N-20, DIN-51825-KP2N-20. ASTM-D-4950 LB-GC or higher.

Typical Physical Properties of BEMAX (MP) Greases

Properties	ASTM	HT-EP-00	HT-EP-0	HT-EP-1	HT-EP-2	HT-EP-3
NLGI Grade	D217	00	0	1	2	3
Penetration (Worked 60 Stroke)	D217	400-430	355-385	330@25°C	280@25°C	240@25°C
Thickener	Declared	Lithium Complex				
Color	Visual	Blue/Green/Amber	Blue/Green/Amber	Blue/Green/Amber	Blue/Green/Amber	Blue/Green/Amber
Base Oil	Declared	Mineral Blend	Mineral Blend	Mineral Blend	Mineral Blend	Mineral Blend
Base Oil Viscosity cSt@40°C	D445	220	220	220	220	220
Temperature of Use	D2265	150°C Max**	150°C Max**	150°C Max**	150°C Max**	150°C Max**
Melting Point	D566	>225°C	>230°C	>250°C	>260°C	>260°C
Odor	Visual	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
Non-Corrosive	D1743	Pass	Pass	Pass	Pass	Pass
Water Washout 80°C, %, max	D1264	<5	<5	<5	<5	<5
Four Ball Wear scar dia, mm, max	D2266	0.4	0.4	0.4	0.4	0.4
Four Ball EP Weld point, kg, min	D2596	NA	NA	315	315	315
Oil Separation mass %, max	D1742	NA	NA	<5	<5	<5
Storage Temperature*	Declared	25°C	25°C	25°C	25°C	25°C
Shelf Life*	Declared	5 Years*	5 Years*	5 Years*	5 Years*	5 Years*
Pumpability (Long distance)	Declared	Excellent	Excellent	Good	Fair	No

*Stored at room temperature and unopened container.

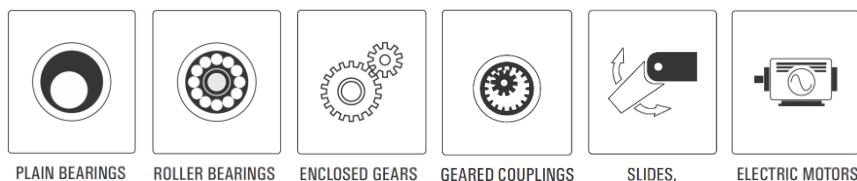
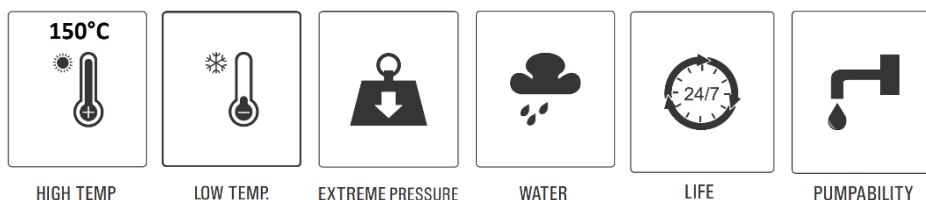
** up-to 150-170°C: bearings operating near their maximum recommended temperatures, re-greasing intervals should be reviewed.



Application:

High Temperature/Extreme pressure grease for highly loaded ball, roller, plain bearings and machines running at high temperatures. Extended service life even at continuous high temperature such as *automotive disk and drum brakes, steel, cement and chemical industries.*

Suitable for automotive and industrial machines, bearings, marine, agricultural, mining, construction machinery, pumps, conveyors, elevators, chains, pulleys, cranes, shafts, automotive applications where excellent water resistance and excellent thermal stability required.



Packaging:

0.5 KG	<i>plastic or metal can (Carton of 24 pcs)</i>
1 KG	<i>plastic or metal can (Carton of 12 or 24 pcs)</i>
2 KG	<i>plastic pail</i>
5 KG	<i>plastic pail</i>
15 KG	<i>plastic or metal pail</i>
20 KG	<i>metal pail</i>
180 KG	<i>metal drum</i>