

POLYON[®] SYNTHETIC XEP HEAVY DUTY WATERPROOF GREASE WITH PTFE & MOLY

XL-1845 is a carefully homogenized blend of synthetic bases combined with P.T.F.E. and molybdenum, as well as E.P. (extreme pressure) additives.

XL-1845 is a superior waterproof non-melting grease, which measures 90lbs plus on the Timken Load test.

The additives used in the blending of **XL-1845** have been designed to give the greatest adherence to metallic surfaces. **XL-1845** virtually eliminates direct surface-to-surface contact of metal parts when machines are idle, during initial start-up, and during intermittent use. **XL-1845** is resistant to acids, alkali and salt water. This grease is recommended for severe environmental conditions as well as heavy loads.

XL-1845 is available in several NLGI Grades, and can be formulated with a range of base oil viscosities.

XL-1845 is recommended for the following:

- Bearings
- Conveyers
- 5th wheel
- Chassis
- Heavy equipment
- All season lubrication
- High and low speed motors
- Pulp & Paper industry
- Textile finishing
- Steel mills
- Marine equipment

TYPICAL SPECIFICATIONS	
Product Code: XL-1845	(General Specifications)
Dropping Point (°C) (ASTM D-2265)	None
Melting Point (°C)	None
Copper Strip Test (163°C for 3 hours)	Negative*
Texture	Adhesive / Tacky
Type of thickener	Clay / Silica*
Oil Separation (24hrs @ 25°C) (ASTM D-1742)	< 1%**
Additives	PTFE, Molybdenum
Temperature Range (°C)	-40 to 200
Toxicity	Not controlled

* Except 400 Series
** Except 600 Series



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TYPICAL SPECIFICATIONS

Product Code: XL-1845	/000	/001	/002	/003
N.L.G.I. Grade:	0	1	2	3
Base Oil Viscosity (cSt @ 40°C) (ASTM D-445)			160	
(cSt @ 100°C) (ASTM D-445)			21.7	
Penetration @ 25°C (ASTM D-217)	355	325	265	240
After 60 strokes	370	331	268	240
After 10,000 strokes	375	335	273	247
After 60,000 strokes	377	343	275	255
Minimum Temperature (°C)	-40	-40	-30	-15
Maximum Temperature (°C)	270	270	270	270
Timken OK Load (kg (lbs)) (ASTM D-2509)	35 (75)	45 (99)	45 (99)	45 (99)
Colour	White-yellow			

Product Code: XL-1845 (200 Series)	/201	/202	/203
N.L.G.I. Grade:	1	2	3
Base Oil Viscosity (cSt @ 40°C) (ASTM D-445)	220	220	220
Penetration @ 25°C (ASTM D-217)	330	270	242
After 60 strokes	333	272	241
After 10,000 strokes	335	273	247
After 60,000 strokes	343	275	255
Minimum Temperature (°C)	-16	-18	-15
Maximum Temperature (°C)	270	270	270
Timken OK Load (ASTM D-2509)	40kg (90lbs)		
Colour	White-yellow		

Product Code: XL-1845 (300 Series)	/321	/322	/323
N.L.G.I. Grade:	1	1.5	2
Base Oil Viscosity (cSt @ 40°C) (ASTM D-445)	335	335	335
(cSt @ 100°C) (ASTM D-445)	29	29	29
Penetration @ 25°C (ASTM D-217)	355	290	265
After 60 strokes	370	297	270
After 10,000 strokes	375	300	270
After 60,000 strokes	375	305	274
Minimum Temperature (°C)	-18	-18	-15
Maximum Temperature (°C)	260	260	260
Timken OK Load (ASTM D-2509)	40kg (90lbs)		
Colour	White-yellow		



TYPICAL SPECIFICATIONS (continued)

Product Code: XL-1845 (400 Series)	/402	/440	/441	/442	/443	/462
N.L.G.I. Grade:	2	0	1	2	3	1.5
Base Oil Viscosity (cSt @ 40°C) (ASTM D-445)	400	460	460	460	460	46
(cSt @ 100°C) (ASTM D-445)	24	32	32	32	32	8
Penetration @ 25°C (ASTM D-217)	270	355	325	265	240	285
After 60 strokes	285	370	331	268	240	291
After 10,000 strokes	290	375	335	273	247	310
After 60,000 strokes	295	377	343	275	255	320
Minimum Temperature (°C)	-40	-10	-10	0	12	-54
Maximum Temperature (°C)	215	270	270	270	270	215
Timken OK Load (kg) (ASTM D-2509)						45 +
Type of thickener						Clay / Calcium Sulfonate
Colour						White-yellow

Product Code: XL-1845 (600 Series)	/602	/680	/681	/682
N.L.G.I. Grade:	1.5	0	1	1.5
Base Oil Viscosity (cSt @ 40°C) (ASTM D-445)	60	68	68	68
Penetration @ 25°C (ASTM D-217)	285	361	325	285
After 60 strokes	291	365	331	291
After 10,000 strokes	310	370	334	310
After 60,000 strokes	320	375	340	320
Minimum Temperature (°C)	-54	-58	-55	-50
Maximum Temperature (°C)	215	215	215	215
Timken OK Load (kg) (ASTM D-2509)				45 +
Type of thickener				Clay
Color				Yellow or Purple



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