

ROTHEN SUPERGREASE EP

Multipurpose Lithium Grease

DESCRIPTION

ROTHEN SUPERGREASE EP is a lithium soap and highly refined mineral oil- based grease, with the addition of a balanced array of antioxidant, preservative and EP additives.

ROTHEN SUPERGREASE EP has a natural strength, good adhesion and water resistance.

APPLICATIONS

ROTHEN SUPERGREASE EP brilliantly solves the most common grease-lubrication needs for industrial machinery and the automotive sector. Its outstanding EP characteristics make it a suitable grease for ideal lubrication at higher loads.

ROTHEN SUPERGREASE EP is also used for the appropriate general lubrication of bearings, as well as in various applications in the field of farm machinery.

TYPICAL PHYSICAL-CHEMICAL CHARACTERISTICS (*)

Colore : Amber
Aspetto : Smooth

NLGI	Dripping Point			Penetration at 25°C			Penetration after 60 c. at 25°C			4-ball test welding load (10 sec/ 1800 rpm)			4-ball test wear test (1h/150N/ 1500rpm)			Water washout test (1h/38°C)		
	ASTM D217	ASTM D566 °C		ASTM D217 1/10 mm			ASTM D217 1/10 mm			ASTM D2596 Kgf			ASTM D2266 mm			ASTM D1264 %		
	min	tip.	max	min	tip.	max	min	tip.	max	min	tip.	max	min	tip.	max	min	tip.	max
2	185	197		265	280	295	265	280	295		240			0,37			2,5	3,5
1	180	193		310	320	340	310	320	340									
0	175	188		355	360	385	355	360	385									
00	160	175		400	405	430	400	405	430									
000	150	160		445	460	475	445	460	475									

OTHER REFERENCE VALUES (*)Penetration after 10'000 c. (ASTM D217) **Δ +/- 20 mm/10**Corrosion preventive properties test (ASTM D1743) **PASS**Timken Test (ASTM D2509) **45 lbs** (per NLGI 2)Oil Separation during stockage (IP 121) **<2%** (per NLGI 2)Oxidation stability (Norma-Hoffman bomb) 100h/400h pressure drop (ASTM D942) **0,15/0,65 bar****BASE OIL'S CHARACTERISTICS (*)**

FEATURE	METHOD	MEASUREMENT UNIT		MIN	MAX
Viscosity at 40°C (ISO) at 100°C	ASTM D445	CSt	220 16	200 15	240 17
Viscosity Index	ASTM D2270	---	70	67	---
Specific Weight	ASTM D1298	g/cm ³	0.9	0.89	0.91
Inflammability Point	ASTM D92	°C	255	245	---
Sliding Point	ASTM D97	°C	- 13	---	- 9

(*): The values are based on typical production, and may consequently vary.