

SEMPERMAX 101

GREASE FOR EXTREME CONDITIONS

Calcium sulfonate complex grease is manufactured from highly refined mineral oils with thickener, additives and rust&corrosion inhibitors

Product Description

- Excellent mechanical stability
- Excellent water resistance, corrosion and oxidation stability
- Wide operating temperature range
- Long operational life at high temperature
- Royal blue color for easier distinguished appearance

ULTRA EP 460 ROLLING MILL HT GREASE #1



ITEM	TYPICAL RESULTS			TEST METHOD
	1#	2#	3#	
NLGI Grade	1#	2#	3#	----
Worked cone penetration, 0.1mm	310~340	265~295	220~250	ASTM D217
Dropping Point, °C Min	330	330	330	ASTM D566
Oil separation, 100°C, 24h % Loss	0.7	0.7	0.7	ASTM D6184
Cooper Corrosion, (100°C, 24h)	No green or black change			ASTM D4048
Evaporation, (99°C, 24h) % ≤	0.8	0.6	0.5	ASTM D972
Water Washout @38°C, 1h, % loss ≤	1.0	0.8	0.5	ASTM D1264
Roll stability, (28°C , 2h) % Change				
No adding water	+4	+2	2	ASTM D1831
Adding water	-1	-3	-3	
Four-ball test, PB N	100×9.8	100×9.8	100×9.8	ASTM D2783
PD N	500×9.8	500×9.8	500×9.8	
Base Oil Viscosity, cSt. @40°C	410~550			ASTM D445

Application

- Bearings of Hot/Cold Rollings in Steel Mills
- Bearings in contact with water
- Bearings under high temperature and pressure
- Heavy load machines