

'Providing Tribological Solutions'

SHELL ROLL STABILITY*

(mod ASTM D-1831, 50g, 4 hours duration, 170°F)

MOV LONG LIFE & PREVIOUS CALCIUM COMPLEX EP 1 MIXTURES

AGED SAMPLES (72 HOURS @ 250°F)

MOV LONG LIFE/ PREVIOUS EP1 (%)	Worked Penetration (60 strokes mm/10)		
	Original	After	Change (%)
0/100 (all Previous Grease)	287	332	16
25/75	-	335	-
50/50	310 ¹	332 328 ¹	7 ² 6 ²
75/25	-	317	-
100/0 (all MOV Long Life)	332	324	2.4

Summary: Just by itself previous grease softens significantly on working. MOV Long Life does not so mixing in various ratios, reduces this effect. There is no evidence of thinning or thickening as a result of thickener incompatibility.

* In this test the grease is put in the cylinder containing a roller and the cylinder is rotated. This mixes and works the greases.

1. Calculated average.
2. Difference between the after results and the average of the original consistencies.
3. Difference between the after result for the mixture and the average of the after test results for the two greases in the mixture.