

SELCO SF - 450

SYNTHETIC CALENDAR LUBRICANT

SF-450 are fully formulated synthetic lubricant specially designed for use in highly rated units. They have an extremely high viscosity index, low pour points and high load carrying capacities, and show exceptionally low coefficients of friction. Additives are incorporated to reinforce the stability of oils. Their resistance to corrosion and their resistance to scuffing under unfavourable operating conditions. This oil are capable of extremely long service.

ADVANTAGES :

SELCO SF-450 being **POLYGLYCOL**, and not mineral oil based, exhibits inherently superior properties particularly with respect to outstanding thermal stability and lubrication performance. This properties are particularly useful in heavily loaded mechanisms operating at elevated temperatures e.g. worm gears and **calendar bearings**.

PROVEN BENEFITS :

1. Reduced frictional losses, leading to lower sump temperatures and higher gear efficiency
2. Improved load-carrying properties and reduced wear.
3. Higher thermal stability, minimal sludge and deposit formation
4. Inherently higher viscosity index plus low pour point enable equipment of operate over a wider range of service temperature.
- 5.Reduced power consumption arising from easier starting, faster warm-up and lower coefficient of friction.

APPLICATIONS :

SELCO SF-450 is suitable for heavy duty automotive and industrial gear boxes with sump temperatures upto 140 ° C. The product performance allows for extended drain intervals and even, in some cases, for operation as a **“fill for life” lubricant**. The specially developed polyglycol-additive technology of the new **SELCO Synthetic Industrial Lubricants** SF-450 allows thermal stable operation at temperatures in excess of 200 ° C. These products are therefore preferred for the lubrication of gears and bearings operating at elevated temperatures, e.g. in **calendar equipment**.

PROPERTIES				
	SF-450/120	SF-450/240	SF-450/460C	TEST METHOD
Viscosity Cst at 40 ° C.	133	236	458	ASTM D445
Viscosity Cst at 100 ° C.	21	37	67	ASTM D445
Relative density 20/20 ° C.	1.000	1.020	1.017	ASTM D1298
Viscosity Index	184	210	223	ASTM D2270
Flash point ° C.	241	248	248	ASTM D92
Pour point ° C.	-30	-36	-33	ASTM D97
Neutralization value(mgKOH/g)	0.6	1.07	1.13	ASTM D664
FZG Test Conditions A/8.3/90	Pass	Pass	Pass	IP 334
	Stage 12	Stage 12	Stage 12	
A/16.6/140 -	Pass	Pass	IP 334	
		Stage 12	Stage 12	
Corrosion-Copper strip classification	1	1	1	ASTM D130
Corrosion-Rust prevention	Pass	Pass	Pass	ASTM D665A
Foam tendency/stability, Sequence 1	10/0	10/0	10/0	ASTM D892
Sequence 2	10/0	10/0	10/0	ASTM D892
Sequence 3	10/0	10/0	10/0	ASTM D892