



KELICO[®] V

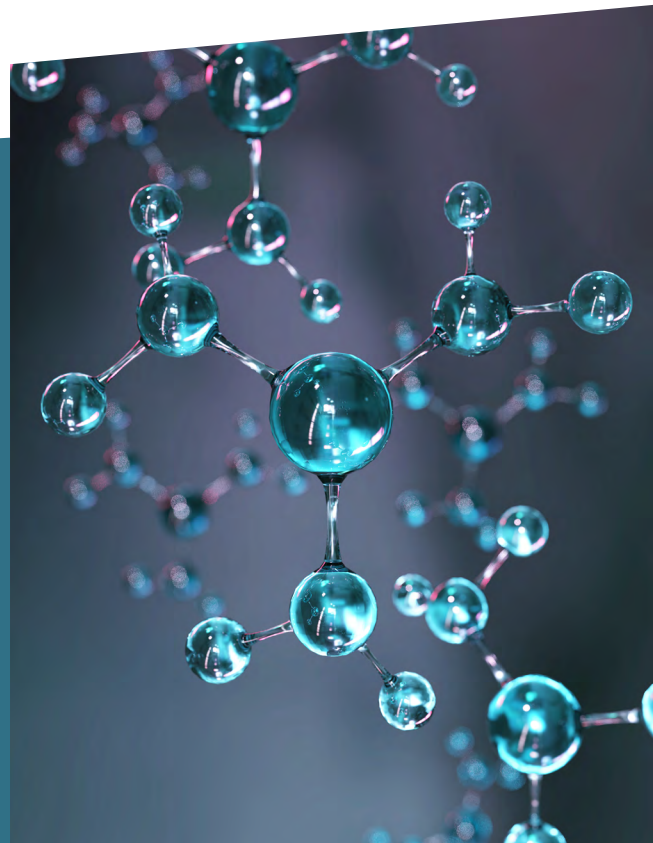
The unique range of over-based complex calcium sulfonate biodegradable greases

KELICO V are premium greases suitable for high load, high temperature and outdoor extreme environment applications.

KELICO V ester-based overbased calcium sulfonate greases are defined as biodegradable, non-bioaccumulative and non-toxic to aquatic species which makes them suitable candidates for applications where EALs are required.

FEATURES

- For environmentally acceptable greases' formulations
- Large range available
- Readily biodegradable
- Good water resistance
- Good thermal resistance
- Excellent anti-corrosion performances
- Good Extreme Pressure performances



ABOUT SEQENS

SEQENS is an integrated global leader in pharmaceutical synthesis and specialty ingredients, delivering outstanding performance, unrivalled market responsiveness and tailor-made solutions to its customers.

SEQENS operates 24 manufacturing plants in Europe, North America and Asia with 3,200 employees.

Its 300 scientists, engineers and experts in its 3 R&D centers, develop tailor-made solutions and ensure that products are successfully transferred into production.

Kelico V® range

TEST	METHODS	KELICO V 2150	KELICO V 2046	KELICO V 0046
Base oil		Ester	Ester	Ester
Base oil viscosity at 40°C	ASTM D 445	150cst	46cst	46cst
Biodegradability	OECD 301 B	>60 %	>60 %	>60 %
Dropping point	ASTM D 2265	>350°C	>300°C	>350°C
NLGI grade	ASTM D 217	2	2	0
Shear Stability in presence of 10 % water	ASTM D 7342A	285	280	367
Variation after 100,000 strokes (1/10mm)	ASTM D 7342A	($\Delta D = -1\%$)	($\Delta D = 9\%$)	($\Delta D = -6\%$)
Oil separation (%)	ASTM D 1742	0%	0.7%	NA
4-Balls EP-Weld Load	ASTM D 2596	400kg	>400kg	400kg
4-Balls Wear, scar diam, 75°C, 1h 1200rpm	ASTM D2266	0.6 mm	0.6 mm	0.6 mm
Water Wash Out 79 °C, 1h	ASTM D 1264	8%	11%	12%
EMCOR (DI water)	ASTM D6138	0-0	0-0	0-0
EMCOR (sea water)	ASTM D6138	2/3	4/4	2/3
FFK – 30°C (hPa)	DIN 51805	1350	375	100
Hazard Labeling		No	No	No

SEQENS

ADVANCED SPECIALTIES

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