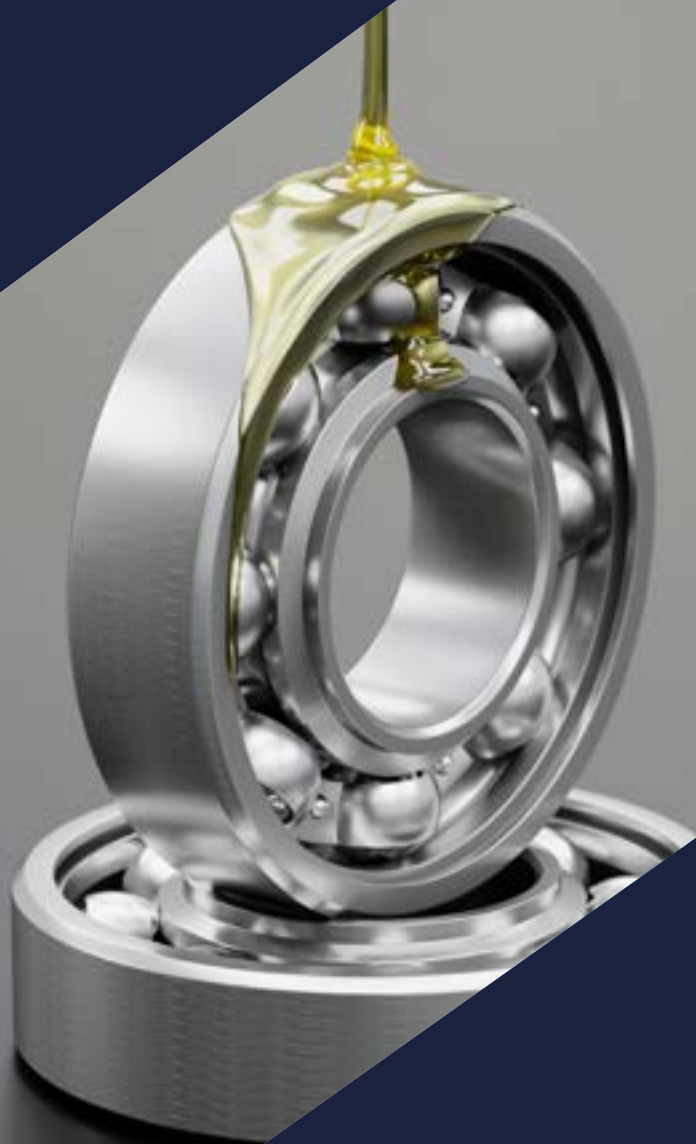


SEQENS

ADVANCED SPECIALTIES

KELICO® V 2150

High tech biodegradable grease



CONTINUUM OF PROGRESS

KELICO® V 2150 is an overbased complex calcium sulfonate biodegradable base for environmentally acceptable greases' formulations.

KELICO® V 2150 has good Extreme Pressure performances, thermal resistance, water tolerance as well as excellent anticorrosion properties also in the presence of sea water.

KELICO® V 2150 is a suitable based for multipurpose biodegradable greases used in the lubrication of bearings with medium speed and loads.

KELICO® V 2150 is particularly designed for uses in agriculture field, forestry and marine equipment where product is lost in natural environment.

KELICO® V 2150 performances can be improved with additional additives for very specific applications.

KELICO® V 2150

features:

- Readily biodegradable
- Excellent anticorrosion performances
- Good water resistance

Characteristics

PROPERTIES/UNIT	METHODS	TYPICAL VALUE
NLGI Grade	-	2
Texture	Visual	Smooth
Color	Visual	Light brown
Base oil	-	Ester
Biodegradability (%)	OECD 301 B	> 60
Base oil viscosity at 40°C(mm2/s) at 104 °F (cSt)	ASTM D 445	150
Dropping point (°C) (°F)	ASTM D 2265	>350 > 662
Oil separation (%)	ASTM D 1742	0
4-Balls EP-Weld Load (kg) (Lb)	ASTM D 2596	400 881
4-Balls Wear, scar diameter (mm) (inch)	ASTM D 2266	0.6 0.024

The above values are representative of a current production. They are not specifications.

Inventory status

EINECS Europe	TSCA USA	DSL Canada	PICCS Philippines	ENCS Japan	AICS Australia	ECL Korea	IECSC China	CSNN Taiwan
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Performances

PROPERTIES	METHODS	TYPICAL VALUES
Water Wash Out at 38 °C (% loss) at 100 °F	ASTM D 1264	7
Water Wash Out at 79 °C (% loss) at 174 °F	ASTM D 1264	8
Cone Penetration at 25°C after 60 strokes (1/10 mm) at 77°F (inch)	ASTM D 217	275 1.08
Cone Penetration at 25°C after 100000 strokes (1/10 mm) at 77°F (inch)	ASTM D 217	275 1.08
Cone Penetration at -30 °C (1/10 mm) at - 22°F (inch)	ASTM D 217	100 0.39
Shear Stability in presence of 10 % water Variation after 100,000 strokes (1/10 mm) (inch)	ASTM D 7342A	285 ($\Delta = -1\%$) 11,25
Copper corrosion, 24 h at 100°C (212°F)	ASTM D 4048	1a
Emcor, Distilled Water (rating)	ASTM D 6138	0/0
Emcor, Sea Water (rating)	ASTM D 6138	2/3

The above values are representative of a current production. They are not specifications.

Packaging: 200 kg net metal drum

Safe Use and Handling: KELICO® V 2150 should be stored at room temperature. For specific safe use and handling information, or to obtain KELICO® V 2150 Safety Data Sheet, contact your local SEQENS Advanced Specialties representative.

Shelf Life: Shelf life of KELICO® V 2150 is 12 months when product is stored in the conditions recommended in the MSDS. After this period, product can be retested for shelf life extension if needed.

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