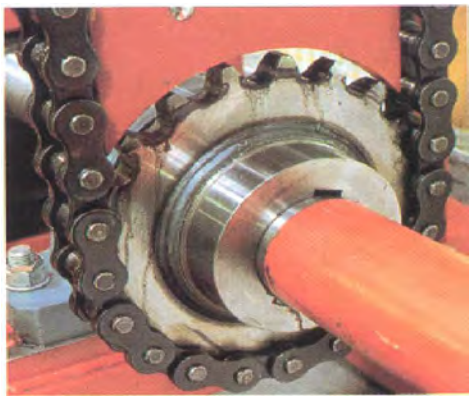
Product Data

Optimol Viscogen®KL

Thermally Stable Synthetic Lubricants

Description

Optimol Viscogen® KL are thermally stable, synthetic lubricants, especially suited for chain lubrication.



Deflection Chain Wheels in Car Manufacturer Paint Shop

Features

Solid-free.
Optitec® - Optimol technology.
Exceptional adhesion, penetration and load carrying ability.
Chemically stable in the pH-value range of 2.5 to 10.5.
Odourless, non-toxic.
Silicone-free.
Transparent.
Compatible with mineral oils.

Benefits

Is not washed out by water or fruit juices and is resistant to hot water, so periods between relubrication are extended.

Evaporates at high temperatures with extremely low formation of residues thus extending chain life.

Excellent corrosion protection, extraordinary aging resistance prolonging investment.

Thermally stable - depending on viscosity up to 250°C/482°F, allowing one product to cover most operations.

Does not attract dust or lint allowing chains to run freely.

Applications

Optimol Viscogen® KL is available in 6 different viscosities allowing an extensive choice for differing ambient and operating conditions. The dimensions of the chain as well as its structural shape (e.g. roller, pin, ladder chains, insertion and flat link hoisting chains) are important when selecting the right viscosity. The way the lubricant is applied must also be observed (e.g. manual lubrication, drip feed lubrication, central lubrication, sump lubrication or via spray can).

Optimol Viscogen® KL for all industrial areas e.g. in: high-rack storage shelves, bakery machines, paint lines, conveyor chains, tenter frames and dryers, washing plants, under floor chains, steamers, slashers, baking ovens, slideways, spindles, ropes, open gear wheels, plastic toothed belts, printing machines, wire rotating vats and deep freeze operations.

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PLD 1456/00
Bulk Item Code – 111099 – Optimol Viscogen KL3
Bulk Item Code – 113061 – Optimol Viscogen KL9
Bulk Item Code – 113065 – Optimol Viscogen KL15
Bulk Item Code – 107441 – Optimol Viscogen KL23
Bulk Item Code – 112166 – Optimol Viscogen KL130
Bulk Item Code – 110826 – Optimol Viscogen KL300

Recommendations

If lubricant drips off, select next higher viscosity, or reduce the application rate.

Compatible and miscible with mineral oils.

For aerosols, easy and economical use with adjustable spray head. Spraying foam remains until oil has penetrated into friction point.

In spray cans: **Optimol Viscogen® KL3 Spray**, **Optimol Viscogen® KL 23 Spray, Optimol Viscogen® KL300 Spray.**

	Unit	Value						Test Method
Viscogen®KL	-	**3**	**9**	**15**	**23**	**130**	**300**	**-**
Article No	-	07201	07203	07205	07207	07209	07211	**-**
Colour	-	Green						Visual
Base	-	Synthetic oil						**-**
ISO viscosity group	-	32	100	220	-	1500	**-**	DIN 51519
Density at + 15°C/+59°F	g/cm^3	0.927	0.964	0.947	0.954	0.933	0.925	DIN 51757
Kin. Viscosity at + 40°C/+104°F at + 100°C/+212°F	mm^2/s	31.5 6.42	99.1 12.17	218.8 20.07	248.5 23.03	1571 96.78	4032 210	DIN 51562
Pour Point	°C °F	-60 -76	-51 -59.8	-42 -43.6	-45 -49	-27 -16.6	-18 -0.4	DIN ISO 3016
Copper corrosion protection At + 100°C/+ 212°F/3h	**-**	0	1	1	1	1	1	ASTM D-130
Steel corrosion protection	**-**	0 - A	0 - A	0 - A	0 -A	0 - A	0 - A	DIN 51355
Burning Point	°C	260	280	280	270	230	235	DIN ISO 2592
Ash Content	**-**	------ None ------						

1 mm^2/s = 1 cSt These technical data are based on average test results. Minor deviations may occur from case to case.

Health, Safety and Environment

In line with safe handling practices, it is recommended that the handling instructions outlined in the Castrol Material Safety Data Sheet be followed.

Spillage: Recover free liquid or absorb spill with inert material (e.g. dry sandor earth), then place in chemical waste container. Keep product out of streams and waterways by diking or impounding. Advise authorities if product has entered or may enter sewers, watercourses or extensive land areas.

Disposal: US EPA Hazardous Waste Numbers:
This product as purchased does not fall under current U.S. EPA RCRA definitions of hazardous waste. Under RCRA it is the generator's responsibility to determine the status of the waste at the time of its disposal.
General Disposal Considerations:
Dispose of in accordance with local, state and federal regulations. Disposal of this material to the land may be banned by federal law (40 CFR 268).

All reasonable care has been taken to ensure that the information contained in this publication is accurate as of the date of printing. However, such information may, nevertheless, be affected by changes in the blend formulation occurring subsequent to the date of printing. Material Safety Data Sheets are available for all Castrol Industrial Australia Inc. products. The MSDS must be consulted for appropriate information regarding storage, safe handling and disposal of a product.