

Novvi EL Base Oils



Renewably-Sourced High Performance Synthetic Base Oils



Novvi EL base oils are produced from plants, which are converted to pure hydrocarbon molecules. Novvi EL base oils are pure compounds, containing none of the impurities found in conventional base oils derived from crude petroleum. Novvi EL is designed to face the toughest lubricant challenges, while meeting the biodegradability, non-toxic and bioaccumulation requirements of the European Union's ECOLABEL requirements. They are engineered to be compatible with additive packages designed industrial oils; the Novvi EL base oils can also be used in automotive lubricants as well. Novvi's EL base oils set a new standard for sustainability, coming from fully certified sustainable plant sources, to go with the biodegradability, and fundamental lubricant performance. Novvi EL base oils enable the formulator to not compromise top-tier, full synthetic performance for a reduced environmental impact.

FEATURES	BENEFITS
Fully compatible with mineral oil	Utilizes existing infrastructure for product use and disposal
Low pour point	Performs well in very cold environments
Excellent oxidation stability	Long lubricant life; allows formulators to obtain critical pump test approvals required for industrial success
Wide range of environmentally friendly attributes	100% renewable to reduce carbon footprint
Improved biodegradability	Reduces potential for environmental damage caused by spills or leakage
High Viscosity Index	Enables product use over a wide temperature range

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TYPICAL PROPERTIES

Properties	Method	Novvi EL 26
Appearance	Visual	Bright and Clear
Color	ASTM D156	>28
Density, 15°C (kg/l)	ASTM D4052	0.82
Viscosity, 40°C (cSt)	ASTM D445	26
Viscosity, 100°C (cSt)	ASTM D445	5.4
Viscosity Index	ASTM D2270	143
Pour point (°C)	ASTM D97	-33
Flash point, (°C)	ASTM D92	230
Bromine Index	ASTM D2710	< 200
Octanol-Water Partition Coefficient (log Kow)	EPIWIN Calculation	> 15
Biodegradability, (%)	OECD 301B	> 60%
Biobased Carbon Content	ASTM D6866 ¹	100%
Ecotoxicity	OECD 201, 202, and 203	Pass

1 = Test bounce in D6866 may cause readings close to ~97%; key raw materials are going to be agriculturally sourced

Typical properties are average values only and do not constitute a specification. Minor variations that do not affect product performance are to be expected during normal manufacture, and at different blending locations. Product formulations are subject to change without notification.



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Corporate Headquarters:
1600 Harbor Bay Pkwy., Ste. 250
Alameda, CA 94502 USA

Website: www.novvi.com
Email: info@novvi.com