

## Renewably-Sourced High Performance Solvent



NovaSolv is produced from plant sugars, which are converted to pure hydrocarbon molecules through an advanced industrial biotechnology platform. Due to this production process, NovaSolv is made of pure compounds, containing none of the impurities found in conventional base oils derived from crude petroleum. NovaSolv is designed to face the toughest solvent and performance challenges. They are engineered to be compatible with a wide range of additive packages to formulate lubricants, paints, coatings, inks, and personal care products for a range of applications. NovaSolv improves upon key environmental metrics including biodegradability, toxicity, and renewability to enable formulations to perform with reduced environmental impact.

FEATURES	BENEFITS
Wide range of environmentally friendly attributes	Allows for formulations that meet strict regulatory considerations
Fully compatible with mineral oil	Utilizes existing infrastructure for product use and disposal
Low pour point	Performs well in very cold environments
Low aromatic content	Good lubrication & oxidation, reduced health hazards
No sulfur content	Contributes to lower emissions
Biodegradable	Reduces potential for environmental damage caused by spills or leakage

# NovaSolv™ Solvents

## TYPICAL PROPERTIES

Properties	Method	NovaSolv 100	NovaSolv 110
Appearance	Visual	Bright and Clear	Bright and Clear
Color	ASTM D1500	<0.5	<0.5
Density, 15.6°C (kg/l)	ASTM D4052	0.76	0.76
Viscosity, 40°C (cSt)	ASTM D445	1.9	2.1
Pour point (°C)	ASTM D97	< -60	-33
Aniline point (°C)	ASTM D611	79	78
Flash point, (°C)	ASTM D92	106	107
Renewable Content	ASTM D6866-C	>70%	70%
Biodegradability	OECD 306	>60%	>60%
Sulphur (ppm) max	ASTM D5453	0.9	0.9
Aromatic content (ppm)	EPA Method 1654A	<100	<100
CARB LVP-VOC	Title 17, California COR, Section 94508	--	Yes

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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