



# FluoSolv<sup>®</sup> Application Brief

## Pitch & Wax Removal for Optics

Nugentec FluoSolv<sup>®</sup> formulated solvents have been used in many applications in the optics industry such as precision cleaning, deposition of anti-reflective & anti-static coatings and de-blocking. Many different types of pitch and wax are used for blocking during grinding and polishing of glass to make spherical and plano-optical components. FluoSolv CX<sup>®</sup> is a safe drop-in replacement for Asahiklin AK-225 solvent (Class II ODC) as well as nPB and other similar solvents.

FluoSolv CX<sup>®</sup> has shown excellent solvency when used in a vapor-degreaser for removal of pitch (e.g. Trinidad, Gugolz) and wax (e.g. Fixturewax, Hypo Wax etc.) due to its Kb value being high (95-100).

Higher soil loading allows the solvent bath to last longer before replacement, resulting in cost savings for new solvent and lower production down-time.

Field data for various waxes and pitch type is shown below for FluoSolv CX<sup>®</sup>.

<b>Soil Loading in FluoSolv CX @ bp 42 °C</b>	
	<b>wt % pitch or wax in solvent</b>
Parafin Wax	7
Hypo Wax	15
Polish Pitch	30
Trinidad Pitch	40
Gugolz Pitch	14
Fixturewax	20
Stacking Wax # 4	16

