

## ENNELOX H RANGE

### MAIN USE

These compounds are "surface" and "depth" anti-oxidising additives, intended for the formulation of "offset fresh inks" (Sheet Fed Inks). Made with hydroquinone because it is the most efficient active molecule, reliable in all offset inks and working with all drier types.

- ✚ For ink manufacturers: prevent skin formation during the manufacturing process and storage.
- ✚ For the printers: prevent the ink from drying on the rollers/blanket, during printing or after stopping the machine.

### GUIDELINES

- ✚ Ennelox H range Grade V are formulated in vegetable vehicle and binder only.

Product Name	Active content %	Physical form	Colour	Odour	Viscosity	Fineness	% Recommendation
ENNELOX H 25 V	25	Paste	Off white / pale beige	Very weak	110/150 p	<10µ	0.4 to 1%
ENNELOX H 50 V	50	Paste	Off white / pale beige	Very weak	115/155 p	<10µ	0.3 to 0.7%
ENNELOX H 65 V	60+	Paste	Off white / pale beige	Very weak	190/230 p	<10µ	0.25 to 0.6%

### PROPERTIES.

- ✚ By fixation of oxygen, ENNELOX H pastes increase the "open time" of oxidation drying inks.
- ✚ Having a comparable structure, they have very good compatibilities properties with oil inks.
- ✚ Their physical form of fluid pastes allows for easy incorporation into inks.
- ✚ ENNELOX H pastes do not affect the rheological properties of inks (viscosity and tack).
- ✚ They have "no negative influence" on the "water-ink balance", because they do not contain any polar solvent (such as alcohols, glycols or derivatives).
- ✚ Their very high active ingredient concentration allows the use of very small amounts which reduce the formulation cost.
- ✚ ENNELOX H are completely miscible with oil inks as well as mineral and vegetable oils.
- ✚ As ENNELOX H pastes are able to be diluted in printing ink distillates, it is very easy to reduce their viscosity if needed.

### STORAGE AND PACKAGING.

- ✚ Storage: at room T° without humidity.
- ✚ Shelf life: 6 months minimum.
- ✚ Available packaging: 25 kg pails, 200 kg drums, 1200 kg IBC (For quick use only), tailor made upon request.

### OBSERVATIONS & USE.

1. Since ENNELOX H pastes influence drying times, it is important to avoid "overdoses".
2. As pigments also affect drying times, it is preferable to carry out tests on each colour.
3. When possible ENNELOX H pastes should be introduced during the last grinding stage.
4. **Always mix very well before any use.**

**IMPORTANT:** the information contained in this data sheet is believed to be accurate, but it should not be taken as a guarantee.

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