



Pilot[®] Base Oils for Water Treatment



Pilot® Base Oils for Water Treatment

Pilot® 250H / Pilot® 300H / Pilot® 300H+

Pilot® Oils offer a wide range of uses in industrial water treatment. Municipal and industrial wastewater has to be pretreated and purified for drinking water production. Water treatment chemicals allow the removal of suspended solids and dirt particles from wastewater. Polyacrylamide formulations can be used for this purpose to support the precipitation of the suspended particles.

Haltermann Carless' Pilot® Oils portfolio offers the water treatment chemicals formulator an optimum organic phase for polyacrylamide chemistry. Pilot® Oils are an excellent choice as carrier fluids for polyacrylamide emulsions. The high purity and chemical stability of the solvent contribute to stable and reliable PAM chemical production processes. These low-aromatic, high-flashpoint products support a safe working environment for operators.

Benefits of Pilot® H Base Oils:

- High purity
- Chemically inert
- Excellent solvency characteristics
- Defined flashpoints and boiling ranges
- Superior cold-flow properties
- No VOC content
- Readily biodegradable
- Suitable for indirect food contact

The deeply hydrotreated, low-aromatic Pilot® Oils support a safe working environment for operators. Pilot® Oils are produced in our state-of-the-art ISO 9001, ISO 14001 and ISO 50001 certified production facilities in Europe and are supplied to global markets in bulk or as packaged goods. Haltermann Carless industry-focused technical and development teams can assist with specific application queries.

Properties	Pilot® 250H	Pilot® 300H	Pilot® 300H+
Kin. Viscosity at 40 °C	2.5 mm ² /s	4.0 mm ² /s	4.5 mm ² /s
Density at 15 °C	810 - 830 kg/m ³		
Boiling Range – IBP	235 °C	260 °C	240 °C
Boiling Range – FBP	275 °C	320 °C	350 °C
Flash Point, min.	100 °C	110 °C	100 °C
Pour Point, max.	-30 °C	-20 °C	0 °C
Aromatics (UV)	max. 1000 ppm		
VOC	0 %		
FDA 21 CFR	178.362 B		

Listed Product data are typical values and may vary according to specification requirements.

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