

## PRODUCT DESCRIPTION

Xtreme TechnoWHITE Fibre is a technical white oil which following appropriate refining procedures, is free of aromatic hydrocarbons, both polynuclear as mononuclear, has the following hydrocarbonate composition:

Paraffinic carbons	60/65%
Naphthenic Carbons	35/40%

In its composition, it includes hydrocarbons of type linear paraffins, branched paraffins and, to a lesser extent, the paraffin cycles (as a function of the crude oil of origin).

Xtreme TechnoWHITE Fibre is a white stain-resistant oil to prevent stains on the material and fabric and to facilitate their removal.

This white oil has:

- high thermal-oxidative resistance,
- great resistance to chemical degradation,
- good protection against rust and corrosion.

Xtreme TechnoWHITE Fibre guarantees absolute stability in any condition of pressure, temperature and chemical inertia due to its paraffinic structure.

Available in grades ISO 15, ISO 22, ISO 32 e ISO 68. Other viscosity grades available upon request.

## TYPICAL CHARACTERISTICS

Xtreme TechnoWHITE Fibre	TESTING PROCEDURE	TYPICAL VALUES			
ISO Grade	-	15	22	32	68
Density @ 15°C, kg/m <sup>3</sup>	ASTM D 1298	≥835	≥840	≥845	≥860
Saybolt Color	ASTM D 156	28	28	28	28
Kinematic Viscosity @40°C, cSt	ASTM D 445	13,5-16,5	19,8-24,2	28,8-35,2	61,2-74,8
Kinematic Viscosity @100°C, cSt	ASTM D 445	≥3,0	≥4,0	≥5,0	≥9,0
Viscosity Index	ASTM D 2270	≥110	≥110	≥110	≥110
Pour Point, °C	ASTM D 97	≤-18	≤-15	≤-15	≤-12
Flash Point, °C	ASTM D 92	≥180	≥ 210	≥ 210	≥220

## APPLICATIONS

Xtreme TechnoWHITE Fibre is indicated for textile and precision machines, plastic industry (as a plasticizer and lubricant), for the preparation of detergents and wood preservation products and as a lubricant for the paper and metal cutting industry.

Xtreme TechnoWHITE Fibre is recommended in the following applications according to ISO viscosity grade as indicated in the table.

APPLICATIONS	TechnoWHITE Fibre 15	TechnoWHITE Fibre 22	TechnoWHITE Fibre 32	TechnoWHITE Fibre 68
<b>TEXTILE</b>				
Lubricants for mechanical parts of sewing machines (even in contact with fabric)	✓	✓	✓	
<b>PRECISION MACHINING</b>				
Lubricants for watch mechanisms	✓			
Spray to lubricate mechanisms and gears	✓			
<b>CHEMICAL INDUSTRY</b>				
Plasticizers and lubricants of rubbers and thermoplastics	✓	✓	✓	
External lubricant for PVC		✓	✓	✓
Wood preservation products	✓	✓	✓	
Lubricants for compressors used in the manufacture of polyolefins		✓	✓	✓
<b>OTHER INDUSTRIAL APPLICATIONS</b>				
Preparations of plant protection products	✓	✓	✓	
Preparation of pesticides for plants	✓			
Household cleaners & polishes	✓			
Components of inks and paints	✓	✓		
Component in the manufacture of waxes	✓			
Lubricants for cutting machines in aluminum rolling	✓	✓	✓	
Lubricants for the paper industry	✓	✓		