

Product Denomination: **WHITE OIL TECHNICAL**
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WHITE OIL TECHNICAL are transparent, odorless, colorless mineral oils. They exhibit a high degree of purity and excellent color stability and resistance to aging. These products comply with the purity standards of the U.S. Food and Drug Administration (FDA 178 3620 b) and they are produced from the paraffinic based lubricants.

APPLICATIONS and BENEFITS :

Plastics & Rubber; as a carrier catalyst in the production of PE, PP, PS; plasticizer in thermoplastic elastomers production such as SBS, SEBS, SEPS; as extender oil in EPDM or EPDM based Thermoplastic Olefinics (TPO) and Thermoplastic Vulcanisates (TPV); as a release agent for rubber sponge

Textile; as a component for spinning oil; as a lubricant for sewing and knitting machines; in production of textile oil that can mix with water; as artificial silk fabrics oil

Chemistry; in the production of foam cutting chemical substances; in production of leather chemicals; polish, ink and the articles of paints, as a base oil in industrial lubricants production.

Paper; as a lubricant for paper cutting blades; in the production of isolation paper and to protect the outer side of the timber

Agriculture; dust collector in the artificial fertilizer; as winter & summer oil against for insects and mushrooms that are harmful for plant

Petroyağ White Oils Technical should be protected from light and stored preferably indoors.

Properties	Test Methods	WOT 15	WOT 30	WOT 68
Appearance	ASTM D4176/1	Clear & Bright	Clear & Bright	Clear & Bright
Odour	Sensitive	Odourless	Odourless	Odourless
Color, Saybolt	ASTM D156	+ 30	+ 30	+ 30
Density, 15 °C g/cm ³	ASTM D1298	0,820 – 0,865	0,835 – 0,875	0,845 – 0,885
Viscosity, 40 °C (cSt)	ASTM D445	15 – 17	29 – 33	65 – 72
Flash point, COC °C	ASTM D92	min.190	min.210	min.250
Pour Point, °C	ASTM D97	max -9	max -9.5	max -9
FDA 178.3620	-	(b)	(b)	(b)
Ultra violet (u.v.) absorbance @ 275nm	ASTM D2008	0,3 max	0,3 max	0,3 max
Neutralisation no., mg KOH/gm	ASTM 974	0,03 max	0,03 max	0,03 max
Refractive index, 20 °C	ASTM D1218	1,458 - 1,462	1,463 - 1,467	1,472 - 1,475
Carbon Structure CA (%)	ASTM D2140	< 1	< 1	< 1
CN (%)	ASTM D2140	32	33	32
CP (%)	ASTM D2140	67	66	67