

TECHNICAL PRODUCT SHEET

WHITE OIL (TECH.) ISO 15



DESCRIPTION

WHITE OIL (TECHN.) is a high-quality technical-grade white oil, formulated from highly refined paraffinic base oils to ensure superior performance. It is completely colorless, odorless, and tasteless, making it ideal for applications that require purity and stability.

APPLICATIONS

The technical grade WHITE OIL lubricants are designed for versatile industrial use. They serve as plasticizers in rubber manufacturing within the chemical industry, provide lubrication for knitting machines in the textile sector, and are widely utilized in leather processing and paper production. Their purity and stability make them ideal for processes requiring clean, reliable performance.

SPECIFICATIONS

FDA	CFR 178.3620b
FDA	CFR 178.3620c

PROPERTIES

WHITE OIL (TECH.) product is colorless, odorless, and tasteless, ensuring complete neutrality in all applications. It exhibits low toxicity and is entirely free from sulfur compounds and aromatic hydrocarbons, guaranteeing exceptional purity and safety for industrial and technical processes.

BENEFITS

WHITE OIL (TECH.) product ensures safe and consistent results, making it safe for use in all intended applications. It is both chemically and physically stable, maintaining its properties under varying conditions to guarantee reliability and long-term performance.



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PHYSICAL-CHEMICAL CHARACTERISTICS

WHITE OIL (TECH.)	METHOD	ISO 15
Density at 15°C, g/cm ³	ASTM D4052	0.855
Viscosity, Kinematic (cSt) 40°C	ASTM D445	17
Viscosity, Kinematic (cSt) 100°C	ASTM D445	3.6
Viscosity, Kinematic (cSt) 20°C	ASTM D445	40
Flash point, COC, °C	ASTM D92	195
Pour point, °C	ASTM D97	-21
Refractive index at 20°C	ASTM D1218	1.469
Aromatic groups, CA%	ASTM D5580	<1
Naphthenic groups, CN%	ASTM D5580	35
Paraffinic groups, CP%	ASTM D5580	64
Coloir (Saybolt)	ASTM D 156	+28

The above mentioned characteristics represent mean values.

STORAGE

All packages must be stored in covered, well-ventilated areas. If outdoor storage cannot be avoided, barrels must be placed horizontally to prevent water ingress and to protect labels and markings from damage. Products must not be stored at temperatures above 60 °C and must not be exposed to direct sunlight, freezing conditions, or extreme temperature fluctuations.



HEALTH & SAFETY

This product is not considered to pose significant risks to health or safety when used as intended and in accordance with recommended personal hygiene practices. It must not be applied for purposes other than those for which it has been formulated. For detailed guidance on safe handling and use, refer to the Safety Data Sheet (SDS).



USED OILS

Used lubricants must be collected at designated collection points to prevent environmental contamination. They must not be mixed with solvents, brake fluids, or antifreeze.

