



THE MOST
SOUGHT-AFTER
COSMETICS IN
THE WORLD
START WITH
PURETOL™

THE LEADER IN

WHITE MINERAL OIL PRODUCTION

When you're in the business of producing the most desired beauty products globally, you need the most desired white mineral oil. PURETOL white mineral oils provide effective bases for personal care products and cosmetics such as: skin lotions and sunscreens, hair care products, makeup and baby products.

PURE

CONSISTENT QUALITY

Our highly refined, colourless and odourless products undergo rigorous testing to ensure the highest purity and quality.

- USP¹ and NF² grades meet FDA 21 CFR 172.878 and 21 CFR 178.3620(a) requirements for direct and indirect food contact and in articles intended for use in contact with food (Ph. Eur.³ also available)
- Select PURETOL grades are NSF⁴ 3H and/or HX-1 registered
- All PURETOL grades are Kosher Pareve and Halal
- ISO 9001 and ISO 14001 registered

EXPERIENCE

MAKES A WORLD OF DIFFERENCE

Some of the world's most prestigious brands rely on PURETOL to provide the softening, smoothing and moisturizing properties their customers seek.

- Petro-Canada Lubricants is the largest white oil producer in the world
- Over 30 years' experience manufacturing some of the purest base oils in the world
- Extensive experience supplying bulk white oil for the health and beauty industries
- Fully integrated manufacturer

RELIABLE

GLOBAL SUPPLY

When your customers are located all over the world, you need a quality ingredient that can be accessed globally.

- Strategically located to supply shipments by rail, truck and marine globally
- Specialized distributor network
- Global reach – our products are exported to more than 60 countries



Beyond today's standards.

TYPICAL PERFORMANCE DATA

Property	ASTM Test Method	PURETOL GRADE													
		6	7 Special	8	9	10	11	13	15	19	21	22	35	38	55
Specific gravity @ 25°C	D4052	0.851	0.842	0.841	0.853	0.857	0.857	0.853	0.858	0.861	0.862	0.862	0.863	0.867	0.870
Kinematic Viscosity @ 40°C, cSt	D0445	10.0	12.2	13.3	15.8	19.0	20.4	25.2	29.2	36.1	40.6	43.1	68.0	80.0	105
Saybolt Viscosity @ 100°F, SUS	D2161	60	70	75	86	100	108	130	150	186	209	220	352	380	530
Colour, Saybolt	D0156	+30	+30	+30	+30	+30	+30	+30	+30	+30	+30	+30	+30	+30	+30
Flash Point, COC, °C	D0092	175	190	192	193	196	210	212	216	220	232	237	250	252	268
Flash Point, COC, °F	D0092	347	374	378	379	385	410	414	421	428	450	459	482	486	514

FREQUENTLY ASKED QUESTIONS FOR COSMETIC APPLICATIONS

IS WHITE OIL SAFE TO USE?

Yes. White oils are regulated and must pass a series of rigorous tests to be certified. In particular, white mineral oil that is used in the cosmetic industry is highly refined and purified.

DOES WHITE OIL CLOG PORES?

No. Comedogenicity is the tendency of a material to clog a skin pore. Cosmetic grade white mineral oils have been shown to be non-comedogenic and will not on their own clog pores⁵.

DOES WHITE OIL DRY OUT SKIN?

No. Mineral oils actually work as a barrier between the skin and the air. Because mineral oil molecules are large, they do not absorb into the skin, and therefore can prevent water from naturally leaving your body through your skin. They will not dry out the skin or cause premature aging.



For more information on PURETOL White Mineral Oils, please contact us at:

Phone **1-866-335-3369** | Visit **lubricants.petro-canada.com** | Email **lubecsr@suncor.com**

¹USP (United States Pharmacopeia; Mineral Oil), ²NF (National Formulary; Light Mineral Oil), ³Ph. Eur. (European Pharmacopoeia)

⁴NSF (NSF International) ⁵DiNardo, J., May 2005. "Is mineral oil comedogenic?" J. Cosmetic Dermatology, V4-1, p 2-3