



APAR

Tomorrow's solutions today

POWEROIL®

Powering Ahead



POWEROIL PETROLEUM JELLY

MADE FOR YOUR EVERYDAY CARE



APAR Industries Limited is a leading manufacturing company with a leadership position in its three core business segments of speciality oils, conductors and cables, with a billion-dollar turnover. Our other businesses include lubricants, speciality automotive and polymers. Our products have a significant market share in India and are sold in over 125 countries.

Our **POWEROIL** range of speciality oils encompasses 350+ grades of Transformer Oils, White Oils, Petroleum Jellies, Process Oils, Industrial and Automotive Lubricants. We are trusted by major OEMs, utilities, power generation, transmission and distribution companies for Transformer Oils. We globally deliver cost effective and high quality White Oils and Petroleum Jellies to major pharmaceutical, healthcare, cosmetics, food packaging, polymers and chemical processing industries.

APAR has two 100% owned manufacturing units in India and also in Hamariyah free zone (Sharjah, UAE) with a combined capacity to produce 520,000 KL. Additionally, we have blending units in Turkey and Australia.



ABOUT APAR GROUP



POWEROIL has been leading the innovation curve for over five decades and is distinguished for product innovation, quality and timely service.



“ **POWEROIL Petroleum Jellies** are semisolid homogenized mixtures of highly refined mineral oils and high purity paraffin and micro crystalline waxes. These products meet Indian / British / European Pharmacopoeia and US FDA 21 CFR 172. 880 requirements. ”

ABOUT POWEROIL PETROLEUM JELLY



APPLICATIONS

POWEROIL Petroleum Jellies form an essential ingredient in manufacturing of cosmetics and pharma based products for various applications.



SKIN CARE AND COSMETIC PRODUCTS:

POWEROIL Petroleum Jellies offer many benefits for safe care of human skin by keeping it moist against drying and hence are used in the manufacturing of many common skin care and beauty products like facial creams, lotions, lipsticks, lip balms and skin ointments.

PHARMACEUTICAL:

These Petroleum Jellies are also used in medicinal formulations for manufacturing ointments, pain relief products, dental adhesives, base creams, lotions, and ophthalmic ointment preparations.





SURFACE CLEANSING AND SHINING:

The sticky properties of these Petroleum Jellies make them ideal for gentle cleaning of various surfaces ranging from face makeup removal to stain removal on wooden surfaces. They are also used in leather products for shining.

LUBRICATION, SEALING & FOOD PACKAGING:

POWEROIL pharma grades Petroleum Jellies are free from heavy metals (such as arsenic, lead and mercury) thus making them safe and non toxic to use in incidental direct food contact. It is safe to use in manufacturing process of bakery products & confectionary as mold release / sealing agents and for coating of fruits and vegetables against dehydration.



VETERINARY PRODUCTS:

POWEROIL Petroleum Jellies are also used in veterinary products for skin healing ointments, insect repellent creams, etc.



QUALITY SYSTEMS & CERTIFICATIONS

APAR's manufacturing facilities are accredited with:

- ISO 9001: 2015,
- ISO 14001: 2015
- OSHAS 45001: 2018
- ISO / IEC 17025: 2017, (NABL - National Accreditation Board of Testing and Calibration Laboratories, Quality Council of India, Government of India).
- DSIR (Department of Scientific & Industrial Research, Government of India) approved R&D centre.
- Petroleum Jelly is manufactured in GMP & FDA certified facility.
- Products are also certified by HALAL & KOSHER.





PETROLEUM JELLY - TYPICAL PROPERTIES

USP GRADES - WHITE	MELTING RANGE / CLASS III(USP) DROP MELTING POINT, °C (ASTM D 127)	CONGEALING POINT, °C (ASTM D 938)	CONSISTENCY AT 25°C (USP/ASTM D 937)	KINEMATIC VISCOSITY AT 100°C, cSt (ASTM D 445)	COLOUR, LOVIBOND 2" CELL (IP 17A) MAX.
POWEROIL PETROLEUM JELLY - 2170 A8	55 - 60	45 - 50	160 - 180	8.20 - 9.00	1.0 Y
POWEROIL PETROLEUM JELLY - 2170 U	55 - 60	45 - 50	160 - 180	5.00 - 7.00	1.0 Y
POWEROIL PETROLEUM JELLY - 2150 U	55 - 60	45 - 50	140 - 160	5.00 - 7.00	1.0 Y
POWEROIL PETROLEUM JELLY - 2130 U	55 - 60	54 - 58	120 - 140	6.00 - 8.00	0.8 Y
POWEROIL PETROLEUM JELLY - 3110 U	55 - 60	50 - 55	100 - 120	5.00 - 7.00	1.5 Y
USP GRADE - YELLOW					
POWEROIL PETROLEUM JELLY - 8190 Y	55 - 60	45 - 50	180 - 200	5.00 - 7.00	4.0 - 6.0 Y

Note: The above grades have no odor & meet the requirements for USP (current revision) and FDA 21 CFR 172.880.

EP / BP GRADES - WHITE	DROP MELTING POINT, °C (ASTM D 127)	DROP POINT, °C EP/BP (2.2.17)	CONSISTENCY AT 25°C (EP/ASTM D 937)	KINEMATIC VISCOSITY AT 100°C, cSt (ASTM D 445)	COLOUR, LOVIBOND 2" CELL (IP 17A) MAX.
POWEROIL PETROLEUM JELLY - 1185 E	55 - 60	46 - 52	180 - 200	5.00 - 7.00	1.0 Y
POWEROIL PETROLEUM JELLY - 2170 E	55 - 60	50 - 54	160 - 180	5.00 - 7.00	1.0 Y
POWEROIL PETROLEUM JELLY - 1170 R	55 - 60	50 - 54	160 - 180	5.00 - 7.00	0.6 Y
POWEROIL PETROLEUM JELLY - 2150 E	55 - 60	50 - 54	140 - 160	5.00 - 7.00	1.0 Y
POWEROIL PETROLEUM JELLY - 2130 E	55 - 60	54 - 58	120 - 140	6.00 - 8.00	0.8 Y
POWEROIL PETROLEUM JELLY - 3110 E	55 - 60	54 - 58	100 - 120	5.00 - 7.00	1.0 Y

Note: The above grades have no odor, and meet the requirements for BP / EP (current revision) and FDA 21 CFR 172.880. Special grades can be formulated to meet particular customer specifications.



PETROLEUM JELLY - APPLICATION CHART

POWEROIL PETROLEUM JELLY	USP GRADES WHITE				USP GRADE YELLOW	EP/ BP GRADES WHITE				
	2170 U	2150 U	2130 U 3110 U	2170 AB	8190 Y	1185 E	2170 E	1170 R	2150 E	2130 E 3110 E
BODY CARE	•	•		•	•		•	•	•	
BODY LOTIONS		•			•				•	
BODY CARE / SKIN CREAMS	•	•		•	•		•	•	•	
BAG BALM / FATTY CREAMS	•	•		•	•		•	•	•	
COLD RUBS	•	•		•			•	•	•	
ETHNIC HAIRCARE / HAIR RELAXER		•	•		•				•	•
HAIRCARE AND STYLING		•			•				•	
FOOD ADDITIVES AS PER 21 CFR FDA GUIDELINES		•							•	
INSECT REPELLENTS		•	•						•	•
LIP CARE	•						•	•		
LIP STICKS							•	•		
PAIN RELIEVING BALM		•	•		•				•	•
PHARMACEUTICAL OINTMENT BASE CREAMS		•				•			•	
PHARMACEUTICAL CREAMS & LOTIONS		•			•				•	
OPHTHALMIC OINTMENTS & EYE PREPARATIONS						•				
VETERINARY PRODUCTS		•	•		•				•	•

The complete range of Petroleum Jelly is available in packaging of metal & HDPE plastic drums.



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