



POWEROIL TRANSFORMER OIL

THE POWER TO PROTECT TRANSFORMERS FROM WITHIN



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.

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





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TRANSFORMER OIL IS ONE OF THE MOST CRITICAL COMPONENTS IN A POWER GENERATION, TRANSMISSION AND DISTRIBUTION SYSTEM THAT SUPPORTS A TRANSFORMER FUNCTIONING AT AN OPTIMUM CONDITION.

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World's 3rd largest producer of Transformer Oil.

Leading the innovation curve by developing different grades that meet various international performance standards through our in-house R&D efforts.

POWEROIL is trusted and preferred supplier by major OEMs, utilities, power generation, transmission and distribution companies globally to deliver cost-effective, quality products and services.

APAR is the sole supplier of Transformer Oils for HVDC installations across India and the only exporter from India.

POWEROIL has a range of specially formulated Transformer Oils that are environment friendly, having excellent cooling characteristics, higher oxidation stability, lower gassing tendencies and stable insulating properties over its useful life.



POWEROIL TRANSFORMER OILS



WHY POWEROIL

- The only company in India to have collected extensive field data on the performance of our Transformer Oils in 765 KV AC & HVDC systems proving the high-performance standards.
- The complete Transformer Oil range offers non-corrosive properties and surpasses the latest corrosive sulphur test as per International & National Standards.
- Approved up to 765 kV AC & 800 kV HVDC Transformers & Reactors.
- Serve as an effective dielectric material for efficient electrical insulation and cooling
- **POWEROIL** cares for your transformers with
 - Enhanced protection & greater efficiency.
 - Longer oil life
 - Resistance to corrosion
 - Biodegradable sustainable range





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, Department of Science & Technology, Government of India).
- DSIR (Department of Scientific & Industrial Research) approved R&D centre.

Approved by global Transformer OEM's / Testing Laboratories / Electricity Utilities.





APAR Grades	Meeting Indian Standard - IS 335: 2018 - Type I
POWEROIL TO 1020 60 H	IS 335: 2018 Type I (U): Table 2 – General Specification
POWEROIL TO 1020 60 HT	IS 335: 2018 Type I (T): Table 2 – General Specification
POWEROIL TO 1020 60 U	IS 335: 2018 Type I (U): Table 2 – General Specification
POWEROIL TO 1020 60 UT	IS 335: 2018 Type I (T): Table 2 – General Specification
POWEROIL TO 1020 60 UX	IS 335: 2018 Type I (I): Table 2 – General Specification
POWEROIL TO 1020 60 HX	IS 335: 2018 Type I (I) – Clause 7.1 – Specific Requirements for Special Application.
POWEROIL TO 1020 60 SNX	IS 335: 2018 Type I (I) - Clause 7.1 – Specific Requirements for Special Application



APAR Grades	Meeting Indian Standard IS 335: 2018 - Type II
POWEROIL TO 335 H	IS 335: 2018 Type II (U) – Table 2 – General Specification
POWEROIL TO 335 HT	IS 335: 2018 Type II (T) – Table 2 – General Specification
POWEROIL TO 335 HX	IS 335: 2018 Type II (I) – Clause 7.1 – Specific Requirements for Special Application.

Fire Resistant Grade	K Class Natural Ester Fluid
POWEROIL TO NE PREMIUM	IEC 62770: 2013 (With Extended Oxidation Stability up to 164 Hrs), ASTM D 6871: 2017 & IS 16659: 2017

The complete range of Transformer Oil is available in multiple packaging of metal drums, flexi & ISO tank.



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