



Case Study:

Reducing Vacuum Creation time to 50% in vacuum coating process of World's top safety razor manufacturer.

About Us:



Mr. Anshuman Punj
CEO, Supervac Industries

Supervac™ offers a complete range of Vacuum Pump Oils (Rotary, Diffusion and Booster), Evaporation Boats, High vacuum silicone grease, Boron Nitride Powder & Suspension and Graphite foil & Suspension.

Very large scale production, patented processes and a very long service life makes Supervac™ products extremely cost effective.

Highlights:

- ▶ 20+ Years in Business
- ▶ 95% India Market Footprint
- ▶ Client Base in 35+ Countries worldwide.
- ▶ Best Price Guarantee.
- ▶ High Quality, Quick Delivery.

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ABOUT CLIENT:

World's Top Men's Safety Razor Brand



Our client is worlds leading brand in men's grooming range. A company that is over 100 year old and caters to the premium segment of men's grooming market.



CHALLENGE:

Reducing the time for vacuum creation in vacuum coating process.



One of Supervac's clients had a very peculiar problem. In their vacuum coating process, the cycle time was just 15 minutes whereas the time to reach the required vacuum level of 1×10^{-6} Torr was 8-10 minutes. So it took 8-10 minutes to create vacuum, followed by 15 minutes of cycle time and whole process once again. Therefore machine utilization factor was 60% of total time. They desperately wanted to cut short the vacuum time to improve productivity and machine utilization



Result:

We recommended 'SV-Sigma Fast' silicone Diffusion Pump Oil for use in their diffusion pump. **SV-Sigma Fast has a low boiling temperature and is built for speed.** Thanks to this oil, the client has been able to cut down vacuum time to half and the production has gone up by 35%.

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Let us Know if you are having any questions regarding Our products, supply, delivery or brochure requests.

Call: +91-11-2353 7331

+91-11-4355 4966

+91-11-4356 4967

+91-9810144936

Mail: info@supervacoils.com,
sales@supervacoils.com

