

Mobil DTE™ 25 Ultra helped Humaira Plast save ₹19,20,280 with an extended ODI of 6 years



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Plant: Humaira Plast | Equipment: Injection Molding Machine | Location: Warud, Amravati

Situation

A leading Indian fruit crate manufacturer, Humaira Plast, commissioned 2 injection molding machines in 2017. The company was looking for a hydraulic oil that would help achieve high productivity at minimum maintenance cost. ExxonMobil Field Engineering Services carried out an equipment study and recommended using Mobil DTE™ 25 Ultra* along with the MSLA program to obtain improved lubricant performance with enhanced equipment protection over an extended service period.

Impact

The timely switch to Mobil DTE™ 25 Ultra helped Humaira Plast achieve an ODI of more than 6 years. To monitor oil performance, the ExxonMobil team recommended Mobil Serv™ Lubricant Analysis. It helped Humaira Plast lower equipment downtime and the total cost of lubrication.

After timely monitoring via MSLA, the oil condition was determined to be normal, even after extended use, with negligible wear metal particles, without any incident of operational discrepancies or equipment failures, signifying excellent equipment protection.

Benefit

	Safety	Exposure reduction	30 hours
	Environmental Care*	Environmental improvement	2000 liters
	Productivity	Revenue Improvement	₹19,20,280

Result

ExxonMobil recommended Mobil DTE™ 25 Ultra as an initial fill in the injection molding machine with support of oil change services & Mobil Serv™ Lubricant Analysis Program. Mobil DTE™ 25 Ultra contains an advanced & carefully blended proprietary additive system designed to provide excellent protection against conventional wear modes such as scuffing and provide a high level of resistance against fatigue.

*Original sump upgraded to Mobil DTE™ 25 Ultra from Mobil DTE™ 25.

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This Proof of Performance is based on the experience of a single customer. Actual results can vary depending upon the type of equipment used and its maintenance, operating conditions and environment, and any prior lubricant used. For more information on other Mobil™-branded industrial lubricants and services, contact your local ExxonMobil representative. *Visit mobil.com/industrial to learn how certain Mobil-branded lubricants may provide benefits to help reduce environmental impact. Actual benefits will depend upon product selected, operating conditions and applications.

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