Predictive Maintenance Diagnostic Report

CURRENT STATUS: NORMAL OPERATION (Failure risk: 0.0%)

1. Input Data Snapshot

Parameter	Value
product id	L
air temperature [k]	298.3
process temperature [k]	308.5
rotational speed [rpm]	1664.0
torque [nm]	31.6
tool wear [min]	144.0
type	l

2. Model Explanation and Key Factor

SHAP Report: SHAP analysis driven by *product id L52815*.

LIME Report: LIME highlights product id_L48994 as relevant.

Most Influential Feature: product id L52815

3. Actionable Maintenance Suggestions

- Review historical data trends to detect subtle degradation.