



Fraunhofer

TESTED[®] DEVICE

SKF Lubrication
ETP-Compact Greaser
Report No. SK 2602-1722

DUPLICATE

Statement of
Qualification

Single product
Particle Emission
in Dry-Cleanroom

Statement of Qualification · Single product

Customer SKF Lubrication Systems Germany GmbH
 Motzener Strasse 35/37
 12277 Berlin
 Germany

Tested product

Category: Automation Components

Subcategory: Transfer Systems and Bearing

Product name: ETP-Compact Greaser for usage in clean and dry area
 (manufacturing date: 1/19/2026; lubrication name: LGMT 2 Industrial multi-purpose grease NLGI 2; article number: 7310-50000017)

Random sampling of particle emissions (airborne) at representative sites in dry-cleanroom

Standards/guidelines: ISO 14644-1, -14; VDI-EE 2083 Part 4.3
 The norms stated generally refer to the version valid at the time of the tests.

Test equipment: Optical particle counter:
 LasAir II 110 and LasAir III 110 with measuring ranges $\geq 0.1 \mu\text{m}$, $\geq 0.2 \mu\text{m}$, $\geq 0.3 \mu\text{m}$, $\geq 0.5 \mu\text{m}$, $\geq 1.0 \mu\text{m}$ and $\geq 5.0 \mu\text{m}$

Test environment parameters:

- Dry-Cleanroom Air Cleanliness Class (according to ISO 14644-1): ISO 1
- Airflow velocity: 0.45 m/s
- Airflow pattern: laminar airflow
- Room temperature: $22 \text{ }^\circ\text{C} \pm 1 \text{ }^\circ\text{C}$
- Dew point: $-40 \text{ }^\circ\text{C} \pm 2 \text{ }^\circ\text{C}$

Test procedure parameters:

- Operating time: 7 min
- Break time: 23 min

Test result / Classification

The ETP-Compact Greaser for usage in clean and dry area is suitable for use under the specified test parameters (room temperature: $22 \text{ }^\circ\text{C} \pm 1 \text{ }^\circ\text{C}$; dew point: $-40 \text{ }^\circ\text{C} \pm 2 \text{ }^\circ\text{C}$) in dry-cleanrooms of the following Air Cleanliness Class according to ISO 14644-1:

Test parameter(s)	Air Cleanliness Class
Operating time = 7 min Break time = 23 min	1
Overall result	

Please note: Transport damages, incorrect installation, oil leakage, aging behavior, corrosion etc. can influence the test result.

The measuring devices used for the qualification tests are calibrated at regular intervals; their results can be traced back to national and international standards. In cases where no national standards exist, the test procedure implemented complies with the technical regulations and norms applicable at the time of the test. The relevant documentation can be viewed on request at any time.

Detailed information and parameters of the test environment can be found in the Fraunhofer IPA test report.

Fraunhofer Institute for Manufacturing Engineering and Automation IPA

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Business unit Testing and Certification

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on behalf of 
 Dr.-Ing. Frank Bürger, head of business unit Testing and Certification