

TKGT 1

# Grease test kit

Portable grease analysis kit for field use

Lubricant analysis is a vital part of a predictive maintenance strategy. Until recently, however, oils were almost always analysed despite the fact that around 80% of bearings are lubricated with grease. Tribology expertise and years of research have allowed SKF to develop a complete methodology to assess grease condition.



- Extremely useful in field decision-making processes
- Allows adjustment of grease relubrication intervals according to real conditions
- Grease can be evaluated to detect possible unacceptable deviations from batch to batch
- Allows verification of the suitability of certain greases in specific applications
- Helps in the prevention of damage due to underperforming lubricant greases
- Provides more information on root cause analysis
- Requires no special training to perform the tests
- Requires no harmful chemicals
- Small sample sizes required. Only 0.5 g of grease is needed to perform all the tests

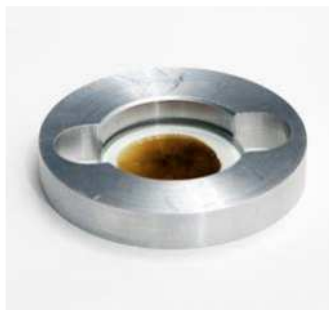
## Consistency test (Patent applied for)



## Oil bleeding characteristics



## Contamination evaluation



**Technical data**

Designation TKG T 1

Parts	Components	Quantity	Specifications
Sampling tools	Sampling syringe	1	Polypropylene
	Sampling tube	1	PTFE, length approx. 1 m
	Permanent marker	1	Black
	Sampling containers	10	35 ml polyethylene
	Gloves	10 pairs	Grease resistant nitrile (synthetic rubber), powder free, size XL, colour blue
	Disposable spatulas	1	Set of 25
	250 mm stainless steel spatula	1	Stainless steel
	150 mm stainless steel spatula	1	Stainless steel
	Scissors	1	Stainless steel
Consistency test	Housing	1	Aluminium
	Weight	1	Stainless steel
	Mask	1	Plexiglas
	Glass plates	4	
Oil bleeding test	Grease sample heater	1	24W 100-240 V 50/60 Hz
	Power plug adapter	1	AC/DC Adapter (US, UK, Australia)
	Paper pack	1	Contains 50 sheets
	Ruler	1	Aluminium graduated 0,5 mm
Contamination test	Pocket microscope	1	60-100x with light
	Batteries	2	AAA
Carrying case	IFU Leaflet	1	Provides access to the instructions for use, report template, and consistency test scale
	Carrying case	1	Dimensions: 530 × 110 × 360 mm (20.9 × 4.3 × 14.2 in.)