TECHNICAL DATA SHEET

TDS 644 / Index 01 – 15/09/2014

604

LM 50

GRAPHITE-BASED LUBRICATING PASTE

ANTI-SEIZING and ELECTROCONDUCTIVE

DEFINITION

Lubricating paste with very high graphite content for greasing and assembling.
This paste is an excellent anti-seizing product. Its unique ability to conduct electricity stems from its very high graphite content.

ADVANTAGES

Demonstrates excellent resistance at high temperatures.
Facilitates running-in, assembling and disassembling.
Enables lubrication in dusty environments.
Assists assembly of adjusted parts.
Lubrication of assemblies and connectors which allows electricity to flow simultaneously.

APPLICATION FIELDS

Cylinder head bolts, manifold bolts and gaskets, flange gaskets, valves, burners, low-speed roller bearings, plain bearings, and more.
Greasing mechanisms operating in high-temperature environments.
Put on brake pads to reduce noise.
Forging and foundry tools.

TECHNICAL CHARACTERISTICS

Appearance	putty
Colour	grey/black
Density (NFT 60-101)	1.6
Penetration (NFT 60-132)	260/295
NLGI grade	2
Drop point (NFT 60-102)	none
Operating temperature	-40 to +900°C (dry lubrication)
Graphite content	> 50%

INSTRUCTIONS FOR USE

Very easy to apply using a brush. Clean and dry parts before applying grease.

PACKAGING

1 kg tin	Ref. 3604 B7	x 6

Head office
Parc Industriel de la Plaine de l'Ain - 225 allée des Cèdres - 01150 Saint-Vulbas - FRANCE
Tel. +33 (0)4 74 40 20 25 - Fax +33 (0)4 74 40 20 26 www.orapi-maintenance.com

ORAPI ® cannot know about every application for which the products are used nor their conditions of use. ORAPI ® shall not be held responsible: for the suitability of its products for a given use or specific purpose, for the methods of application over which it has no control. The information contained here can on no account be a substitute for the preliminary tests which are essential and which must be carried out in order to check the suitability of the product to each specific case. The user of the product described in this technical data sheet is solely responsible for all measures required to protect people and property from hazards that may arise from the implementation and/or use of this product. Therefore, ORAPI ® renounces any implicit or explicit guarantees, including guarantees relating to marketability or suitability for a certain purpose, resulting from the sale or use of its products. In particular, ORAPI ® renounces any claims for incidental or consequential damages whatsoever, including financial operating losses.