



TECHNICAL DATA SHEET

AIMOL Paste HTA

Paste containing high amounts of solids

DESCRIPTION

AIMOL Paste HTA is an inorganic thickened semi synthetic base lubricating paste with incorporated EP (Extreme Pressure) agents. Provides a semi-fatty film which lubricates efficiently and avoids the metal-metal contact even under heavy loads. Until 200°C the paste acts as a lubricant, above this temperature the semi synthetic base oil will evaporate without leaving a residue, from which the solids take over as a dry lubricant. Also conductive.

APPLICATION

AIMOL Paste HTA specially formulated for the pre treatment prior high pressure setting of gears, toothed wheels, slide-ways, plane bearings, joints, bolts, threaded connections and valves. Provides life-long lubrication of chain bolts and bearings. Perfectly suitable for lubrication and mounting of elements exposed to the combined action of high temperature and high loads, found in for example annealing ovens, chains, threaded spindles, chain pulleys in electrode ovens, slides etc. Does not contain abrasive components per MIL-M-7866 A standard.

BENEFITS

- ◆ Low friction coefficient
- ◆ High load capacity
- ◆ Wear reduction
- ◆ Corrosion protection
- ◆ High temperature resistance

TYPICAL FIGURES

Parameter	Paste HTA
Density @ 25 °C, kg/dm ³	1,2-1,4
Thickener	Inorganic
Base oil type	Semi synthetic
Base oil viscosity @ 40 °C, cSt	700
NLGI consistency	1
Penetration 60W @ 25 °C	300-330
Solid lubricants	Graphite
Solids content, %	50
Dropping point, °C	>300
4-ball wear test, welding load, kg	400
Evaporation loss, 22 hrs/100 °C, %	0,8
Service temperatures, °C	-15...+200
Peak temperature (dry), °C	+1000

TECHNICAL DATA INFO LINE

Should you require additional information or advice on AIMOL products, please contact us as per the details below.

HEALTH AND SAFETY

AIMOL Paste HTA has no adverse health effects provided it is used as directed.

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