



# AGIP GREASE SM 2

AGIP GREASE SM is a grey-black, smooth-textured, lithium-base grease containing molybdenum disulphide.

## CHARACTERISTICS (TYPICAL FIGURES)

### AGIP GREASE SM

NLGI consistency		2
Worked penetration	dmm	280
ASTM dropping point	°C	190
Base oil viscosity at 40°C	mm <sup>2</sup> /s	160

## PROPERTIES AND PERFORMANCE

- The extremely pure, finely-divided molybdenum disulphide used in AGIP GREASE MU is a very good solid lubricant which adheres firmly to the surfaces concerned, filling the micro-cavities and forming a film which can perform all the necessary lubrication functions in case the grease component happens to be removed as a result of mechanical loads or thermal stresses or for other reasons.
- The presence of molybdenum disulphide guarantees stand-by lubrication when regreasing is impossible or if this operation happens to be delayed. It also allows long relubrication intervals due to the good stability of the grease.

## APPLICATIONS

AGIP GREASE SM is suitable for lubrication of bearings subjected to extreme mechanical loading and thermal stresses, including roller bearings where the geometrical configuration results in a heavy wear problem. High mechanical loads can result from dynamic conditions (e.g. pulsating loads), from the kinematic characteristics of the system (e.g. bearings of oscillating machinery), from the presence of vibrations, etc.

AGIP GREASE SM can be used on worksites as a universal lubricant suitable both for heavy-duty machinery and for parts which are inaccessible when the plant is in operation and can be lubricated only at the start of each shift.