



# 3790 GREASE

Issue: 8  
29/03/05

## ADHESIVE GREASE FOR HUMID ENVIRONMENTS

**3790 Grease** is totally insoluble in cold, hot or sea water as well as in steam these properties enable to use it for lubrication of immersed or under severe water spray working equipments

**3790 Grease** looks fluid and is very adhesive on metals which avoids any loss of lubricant under severe working conditions.

With a very high drop point and Extreme Pressure qualities **3790 Grease** is perfectly adapted for heavily loaded bearing submitted to overheating.

**3790 Grease** shows excellent resistance to oxidation, has anti-rust properties and is efficient for corrosion protection of parts.

**3790 Grease is also available in aerosol.**

### CHARACTERISTICS:

• Colour	Green	
• Thickener	Lithium/calcium soap	
• Operating temperature range		- 20° C to + 140° C
• Basis oil	Mineral	
• Viscosity of basis oil at 40°C	ISO 3104	150 Cst
• Drop point	ISO 2176	> 180° C
• Density at 20°C	NFT 30 020	0.90
• NLGI Grade	2	
• Unworked penetration at 60°C	ISO 2137	265 to 295 <sup>1/10</sup> mm
• Loss of penetration after 100 000 strokes	ISO 2137	< 25 <sup>1/10</sup> mm
• NDN Factor	550 000	
• 4 Balls EP Test, Welding Load	ASTM D 2596	315 Kg
• 4 Balls EP Test, Wear	ASTM D 2266	>0.5mm
• Copper sheet corrosion	ISO 2160	1b
• EMCOR Corrosion Test	ISO 11007	0 or 1
• Water washout	ASTM D 1264	< 3%

### USES:

- Lubrication of components under severe water spray or submerged.
- Bearings, rollers, pumps, sluices, taps
- Water purification stations, hydraulic power stations, road and rail traffic signals, canning factories
- Marine and off-shore equipment
- Printing machinery lubrication