



GRAISSE 3790

Issue: 14
2020/09/25

ADHESIVE GREASE FOR HUMID ENVIRONMENTS

DEFINITION

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 equipment's
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 GRAISSE 3790 is perfectly adapted for heavily loaded bearing submitted to overheating.
Shows excellent resistance to oxidation, has anti-rust properties and is efficient for corrosion protection of parts.
Also available in aerosol.

CHARACTERISTICS

• Colour:		Green
• Thickener:		Lithium/calcium soap
• Operating temperature range:		-30°C to +140°C
• Basis oil:		Mineral
• Viscosity of basis oil at 40°C:	ISO 3104	310 Cst
• Apparent dynamic viscosity@ -20°C (Pa.s) measured at a shear drop of 0.174 s ⁻¹		6 500
• Drop point:	ISO 2176	> 180° C
• Density at 20°C:	ISO 2811-1	0,86
• NLGI Grade:		2
• Unworked penetration at 25°C:	ISO 2137	265 to 295 ^{1/10} mm
• Loss of penetration after 100 000 strokes:	ISO 2137	< 25 ^{1/10} mm
• NDN Factor:		550 000
• 4 Balls SHELL Test (Welding):	ASTM D 2596	315 Kg
• 4 Balls SHELL Test (wear):	ASTM D 2266	< 0.5mm
• Copper sheet corrosion:	ISO 2160	1b
• EMCOR Corrosion Test:	ISO 11007	0
• Water washout (38°C):	ASTM D 1264	< 3%
• Oxidation stability (100h):	ASTM D 942	< 0,27 bar
• Oxidation stability (400h):	ASTM D 942	< 0,82 bar

Classification according to DIN 518-25: KP 2 N -20

Classification according to ISO 6743-9: ISO-L-XBDDA 2

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