TECHNICAL DATA SHEET

AUTO-GREASER AQUALOAD SVR
AT6412

Description

The Tygris Auto-Greaser is an electronically controlled single-point lubrication system, driven by a chemical reaction. The dispenser excels through user-friendliness and a good cost-performance ratio. This product is the right choice for most lubrication applications being cost-effective, reliable, safe and ecological.

Benefits

- Filled with a lithium-calcium saponified grease containing EP additives based on high quality mineral oil
- Electrochemical drive
- Precise, reliable lubricant delivery
- Easy handling
- Activation without tools
- Environmentally friendly product, easy disposal
- Can be used outdoors
- Can be used in EX areas
- Dispensing period 1/3/6/9/12 months (modifiable at any time)

Technical Data - Auto-Greaser Unit

Drive:	Gas driven (N_2)
Operating pressure:	Max. 5 bar (73 psi)
Lubricant volume:	120 ml
Operating temperature:	-20°C to +55°C
Lubricating medium:	Oils and greases up to NLGI 2
Distribution period:	1, 3, 6, 9 & 12 months
Operational voltage:	3 V (battery)
Filling:	empty / standard filling / special filling
Dimensions (height x Ø):	120 ml: 111 x 77 mm
Certifications:	IP68, CE, ATEX
Pack Size:	10 x 120ml

Technical Data - Grease Only

Thickener		Lithium-Calcium-Soap
Operating temperature for long-term lubrication		- to +130°C
Short time admissible temperature peak value		+ 140°C Permanent temperatures above 140°C require re-greasing at shorter intervals subject to thermal load
Drop point	ASTM D 2265	> 170°
Worked penetration after 60 strokes	ASTM D 217	265 to 295 1/10 mm
Penetration loss after 100 000 strokes	ASTM D 217	< 20 1/10 mm
Type of base oil		Mineral oil
Base oil viscosity at 40° C	ASTM D 445	220 mm²/s
Water resistance	DIN 51 807-01	0 – 90
FAG – FE 9	DIN 51 821-02-A/1500/6000-130	F50 = 150h
SKF Emcor Test	IP 220/85	Corrosion degree 0/0
SKF Emcor Test (+ 3% NaCl)	IP 220/85	Corrosion degree 1/1
Copper Strip Test	ASTM D 4048	Corrosion degree 1 – 130
4 ball Test, welding load	DIN 51 350	2600 N
Timken-Test (good load)		40 lbs
Wear	DIN 51 434 T3	< 4 mg
Designation	DIN 51 502	KP 2 K-30

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