

# GREASE POLY ALN 2

**Productcode:** 264905901

## Organic thickened lubricating grease with high viscosity index synthetic oil

High performance multipurpose lubricating grease specially designed for operating in a wide temperatures range. Formulated with innovative organic thickeners and provided with a high chemical and thermal stability. In combination with the high viscosity synthetic base oil this product possesses outstanding lubricating capacity and resistance to aging.

This product is suitable for medium and high speed bearings, bearings in cold environments and cooling systems, electric motor bearings, fan bearings, exhausters and pumps, oven wagon and drying tunnel bearings, bearings in conveyor belts, bearings and bolts in chains operated under strong temperatures variations, plain bearings and joints in plastic-plastic and plastic-metal contacts, lubrication of wire guides, plastic bearings and slides.

### Benefits & Advantages

- Wide operating temperature range
- Long life lubrication, reducing maintenance costs and lubrication intervals
- Good oxidation resistance
- Protects bearings against rust and corrosion
- Resists water wash-out
- High dropping point
- Low oil separation and will keep electrical motor windings clean
- Superb pumpability at lower temperatures

### Typical Performance Data

Property	Test method	Value
Colour		Blue
Thickner type		Tetra-urea
Base oil type		Synthetic
Density @ 25 °C, kg/dm <sup>3</sup>		0.875
NLGI class	DIN 51 818	2
Penetration, unworked at 25°C, 0.1 mm	ASTM D217	270-295
Penetration, 60 strokes at 25°C, 0.1 mm	ASTM D217	280-320
Penetration, 100000 strokes at 25°C, 0.1 mm	ASTM D217	max +20
Dropping point, °C	ASTM D566	min 250
Sulphated ash, %	ASTM D482	max 0.05
Flow pressure @ -35°C, mbar	DIN 51 805	15000
Oil separation @ 18hr/40 °C, %	DIN 51 817	max 1
Oil separation 7 days/40 °C, %	DIN 51 817	max 4
EMCOR corrosion test	DIN 51 802	1
Copper corrosion 24h @ 100 °C	ASTM D4048	1b
Water resistance @ 90 °C	DIN 51 807	0
Water washout @ 80 °C, % loss	DIN 51 807	max 1.5
SRV test @ 100N, 1mm, 50Hz, 80 °C, 1h, 10 mm ball - minimum	ASTM D5707	0.110
SRV test @ 100N, 1mm, 50Hz, 80 °C, 1h, 10 mm ball - maximum	ASTM D5707	0.125
SRV test @ 100N, 1mm, 50Hz, 80 °C, 1h, 10 mm ball - end	ASTM D5707	0.120
SRV test @ 100N, 1mm, 50Hz, 80 °C, 1h, 10 mm ball - wear scar diameter, mm	ASTM D5707	0.50
EP Test maximum load, N	ASTM D5706	500
Life test SKF-ROF bearings @ 160 °C, 10.000 rpm, L50, hours	DIN 51806	700
Temperature range, °C		-50 – 180

All performance data on this Technical Data Sheet are indicative only and can vary during production.