



INDUSTRIAL
LUBRICANTS &
SERVICES LIMITED

Technical Data sheet

ILS SF GREASE 4600

A High Performance Synthetic Semifluid Grease

Description

ILS SF GREASE 4600 is a high quality Lithium Complex thickened NLGI No.00 grease utilizing a synthetic PAO base oil and containing anticorrosion, antioxidant and EP/AW additives.

Typical Applications

The thickener system combined with the high viscosity synthetic base oil and additive package makes the product suitable for use with heavily loaded gears in low to medium speed applications, in low and elevated temperatures and centralized lube systems where pumpability may be an issue. Specially developed additive package provides enhanced ability to carry high loads and to resist vibrations and shock loads.

Benefits

- Modern High performance synthetic product
- Suitable for use in both low and high temperature environments
- Wide temperature range -50°C to +150°C (Max 220°C)
- Very good resistance to shock loads
- Suitable for use in centralized lubrication systems

Typical Characteristics

Concentrate	Test Method	Typical Properties
Thickener		Lithium Complex
Base Fluid		Synthetic Oil
NLGI Grade	ASTM D 217 Mod	00
Dropping Point (°C)	IP 396	>240°C
Penetration 60 Strokes	ISO 2137	400-430
Base Oil Viscosity @100°C	ASTM D 7152	53 cSt
Base Oil Viscosity @40°C	ASTM D 7152	490 cSt
Viscosity Index	Unit Easy	172
4 Ball Weld load	DIN 51350:4	3400 N
EMCOR Salt water	ISO 11007	0-0
Flow Pressure @ -50°C	DIN 51805 Mod	<1400 mbar
SKF R2FB @ 150°C	SKF	Pass
Water Resistance @ 90°C	DIN 51807:1	1

Note : Data is typical and does not constitute a specification