

ANDEROL PRODUCT DATA SHEET

ANDEROL® 783 SERIES

Synthetic Food-Grade Greases NLGI 00, 0, 1 and 2

GENERAL INFORMATION

ANDEROL 783 series greases are synthetic hydrocarbon (PAO) based aluminium-complex greases. They have been formulated with FDA approved ingredients under 21 CFR 178.3570, and are registered by NSF International. This high quality general-purpose grease is rust and oxidation inhibited. It is an excellent long life lubricant with a wide operating temperature range.

TYPICAL PROPERTIES:

PROPERTIES	TEST METHOD	ANDEROL 783-00	ANDEROL 783-0	ANDEROL 783-1	ANDEROL 783-2
NLGI Grade	---	00	0	1	2
Worked Penetration, 60 Strokes, mm ⁻¹	ASTM D 217	418	373	325	288
Worked Stability, 10,000 Strokes, mm ⁻¹	ASTM D 217	---	---	---	292
Dropping Point, °C	ASTM D 2265	N/A	N/A	245	270
Thickener Type	ASTM D 128	Alum. Complex	Alum. Complex	Alum. Complex	Alum. Complex
Base Oil Properties @ 40°C, (cSt)	ASTM D 445	152	152	211	211
@ 100°C, (cSt)	ASTM D 445	17.1	17.1	23.8	23.8
Base Oil Viscosity Index	ASTM D 2270	122	122	139	139
Pour Point, °C	ASTM D 97	-35	-35	-30	-30
Flash Point, °C	ASTM D 92	204	204	204	204
Color	Visual	White	White	White	White
Texture	Visual	Smooth	Smooth	Smooth	Smooth
Bomb Oxidation, PSI drop @ 100 hours	ASTM D 942	1	1	1	1
@500 hours		6	6	6	6
Timken OK Load, lbs.	ASTM D 2509	25	25	25	25
4-Ball Wear, scar diameter, mm	ASTM D 2266	0.70	0.70	0.59	0.60
4-Ball EP Properties, weld load, kgf	ASTM D 2596	160	160	160	160
load wear index, kgf		29	29	30	30

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For more information please refer to the relevant Material Safety Data Sheet accompanying each product.

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APPLICATIONS

ANDEROL 783 Series products are highly recommended grease for food packaging, bottlers, canners, fillers, meat and poultry processing machinery and other applications where incidental food contact may occur. Some of these applications include:

- o Plain and anti-friction bearings
- o Oven & freezer trolley bearings
- o Slides

ADVANTAGES

- Extremely low toxicity
- Superior anti-wear properties
- Resistant to oil bleed and separation at high temperatures
- Good water resistance
- Excellent load carrying ability
- Extended lubrication cycles at all temperatures
- Improved ignition safety factors when compared to mineral oil
- Non-reactive or corrosive to copper, aluminum and mild steel

COMPATIBILITY

ANDEROL 783 Series are similar to mineral oil in its compatibility with seals, paints, gaskets and hoses. No special precautions are required when changing over from a mineral-oil based grease.

APPROVALS

ANDEROL 783 Series lubricants are approved, recommended, and field tested by many OEM's in the food processing, baking, bottling, canning, meat processing, and pharmaceutical industries.

NSF International H-1 registered, products meet the former USDA 1998 H-1 guidelines.



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Specialty Lubricants