

ANDEROL PRODUCT DATA SHEET

ANDEROL® 6000 SERIES

SYNTHETIC FOOD GRADE GEAR LUBRICANTS

GENERAL INFORMATION

ANDEROL 6000 Series oils are made from synthetic hydrocarbons (PAO) and special additive packages that allow them to meet the former H-1 approval requirements of the USDA where incidental food contact can occur. The heavier viscosity grades will provide excellent service in worm gear situations.

ANDEROL Food Grade Lubricants meet all of the requirements of FDA Regulation 21 CFR 178.3750.

TYPICAL PROPERTIES:

PROPERTIES	TEST METHOD	TYPICAL PROPERTIES						
		6068	6100	6150	6220	6320	6460	6680
Viscosity @ 40°C, cSt	ASTM D-445	64	97	135-165	198-242	288-352	414-506	675
Viscosity @ 100°C, cSt	ASTM D-445	10	13	16.5-18.5	19.0-25.0	25.0-35.0	38	51
Viscosity Index	ASTM D-2270	143	125	125	125	126	128	130
Flash Point, °C	ASTM D-92	240	240	>215	>215	230	220	240
Pour Point, °C	ASTM D-97	-50	-40	<-40	<-30	-35	<-25	-22
Four Ball Wear, mm (1 hr @ 1200 rpm, 75 °C, 40 Kg)	ASTM D-4172	0.40	0.40	<0.60	<0.60	0.40	0.38	0.35
Weld Point, kg	ASTM D-2783	160	160	>150	160	160	>150	160
Copper Corrosion, 3 hr @ 100°C	ASTM D-130	1a	1a	1a	1b	1a	1a	1a
Specific Gravity	ASTM D-1298	0.84	0.85	0.845-0.875	0.850-0.870	0.86	0.845-0.870	0.87
Rust Test	ASTM D-665A	Pass	Pass	Pass	Pass	Pass	Pass	Pass

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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 6000 Series are recommended for use where incidental food contact may occur. Including:

- Gear sets
- Bearings
- Circulating oil systems
- Chain lubricants
- Worm gear units

ADVANTAGES

- Long life, fewer oil changes
- Extend equipment life
- Reduced energy costs
- Compatible with mineral oils and most synthetic oils
- High and low temperature operations
- Increased oxidative stability
- Reduced volatility

COMPATIBILITY

ANDEROL® PAO lubricants are similar to mineral oils in their compatibility with paints, seals, gaskets, and hoses. No special precautions related to compatibility are required when changing over from a mineral oil lubricant to an ANDEROL synthetic hydrocarbon based lubricant.

A6000Ser: 11/1/01



ANDEROL®
Specialty Lubricants

ReinhardOil.dk ApS
Helleruplund alle 8
2900 Hellerup - Denmark
Tel: (+45) 70 26 70 07
Fax: (+45) 70 26 70 47
E-mail: mail@reinhardoil.dk