THE SYNTHETIC EXPERT

Industrial markets associate outstanding quality and superior performance with Royal Purple Industrial™. This reputation has been earned through Royal Purple Industrial's relentless pursuit of excellence in lubrication.

Royal Purple Industrial formulates the most advanced lubricants available on the market today. If you currently use Royal Purple Industrial's products, you already know this. If you do not, they offer the opportunity to greatly improve the reliability and efficiency of your equipment and to lower your operating costs.

SUPERIOR PRODUCTS, *SUPERIOR PERFORMANCE*

Lubricants are typically viewed as a commodity, where low price and service issues dominate purchase decisions. Therefore, oil companies seeking large market share have a great incentive to keep manufacturing costs low and little incentive to upgrade lubricant quality.

Royal Purple Industrial recognizes that lubricants are not a commodity. Reliable operation of rotating equipment critically depends upon the quality of the lubricant used. Lubricant performance directly and significantly affects how long, how reliable, how efficient and at what cost (i.e. parts, labor, downtime, number of oil changes and energy costs) your equipment will operate. Therefore, Royal Purple Industrial will always provide you with the highest quality lubricants available anywhere.

ROYAL PURPLE® INDUSTRIAL

LUBRICATION GUIDE

POWER GEN

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ROYAL PURPLE® INDUSTRIAL

REV DATE: 03/26

POWER GEN

LUBRICANT APPLICATIONS

TURBINE LUBRICATION

LOCATION & EQUIPMENT	RECOMMENDED LUBRICANT	VISCOSITY GRADE	PRODUCT NUMBER
Steam Turbines	Synfilm® GT	32 / 46 / 68	RPMP022/RPMP024/RPMP026
Gas Turbines	Synfilm® GT	32	RPMP022
Turbine Hydraulic Controls	Marine Hydraulic Oil (zinc free)	32 / 46 / 68	RPHY006/RPHY007/RPHY008
	Syndraulic®	32 / 46 / 68	RPHY009/RPHY010/RPHY011
Turbine Lift Gears	Synfilm® GT	Various	Contact Technical Service
	Thermyl-Glyde®	Various	Contact Technical Service

BEARING LUBRICATION

LOCATION & EQUIPMENT	RECOMMENDED LUBRICANT	VISCOSITY GRADE	NGLI GRADE	BASE OIL VISCOSITY	PRODUCT NUMBER
API/ANSI Process Pumps	Synfilm®	46 / 68 / 100			RPMP014/RPMP015/RPMP017
	Synfilm® GT	46 / 68 / 100			RPMP024/RPMP026/RPMP028
All Greased Bearings	Enduro-MP Grease		2	150	RPGR002
	Ultra-Performance™ Grease 2		2	150	RPGR007
Fans	Synfilm® GT	Various			Contact Technical Service
	Ultra-Performance™ Grease 2		2	150	RPGR007
Blowers	Synfilm® GT	150 / 220			RPMP030/RPMP031
Electric Motors (Greased Bearings)	Enduro-MP Grease		2	150	RPGR002
	Ultra-Performance™ Grease 2		2	150	RPGR007
Electric Motors (Oil Lubricated)	Synfilm®	32 / 46			RPMP012/RPMP014
	Synfilm® GT	32 / 46			RPMP022/RPMP024
Low RPM/Heavily Loaded Bearings	Thermax™ 680		2	680	RPGR005

CHAIN & OPEN GEAR LUBRICATION

LOCATION & EQUIPMENT	RECOMMENDED LUBRICANT	VISCOSITY GRADE	PRODUCT NUMBER
Chains	Max-Chain®	N/A	RPCH001
Open Gears	Thermyl-Tuff™	200 / 300	RPGL025/RPGL026

TURBINE LUBRICATION

LOCATION & EQUIPMENT	RECOMMENDED LUBRICANT	VISCOSITY GRADE	PRODUCT NUMBER
Vacuum Pumps	Synfilm® GT	150 / 220	RPMP030/RPMP031
Rotary Screw Compressors	Synfilm®	46 / 68	RPMP014/RPMP015
Reciprocating Compressors (Air)	Synfilm® Recip	100 / 150	RPCP014/RPCP015
Centrifugal Compressors	Synfilm®	46 / 68 / 100	RPMP014/RPMP015/RPMP017
	Synfilm® GT	46 / 68 / 100	RPMP024/RPMP026/RPMP028

COUPLING LUBRICATION

LOCATION & EQUIPMENT	RECOMMENDED LUBRICANT	NGLI GRADE	BASE OIL VISCOSITY	PRODUCT NUMBER
Drive Couplings	Coupling Grease™	1	2995	RPGR001

GEAR LUBRICATION

LOCATION & EQUIPMENT	RECOMMENDED LUBRICANT	VISCOSITY GRADE	PRODUCT NUMBER
Gearboxes - Spur, Helical, Herringbone Gears	Synergy®	150 / 220 / 320	RPGL008/RPGL009/RPGL010
	Thermyl-Glyde®	220 / 320	RPGL016/RPGL017
Worm Gearboxes	Synergy® Worm Gear	680	RPGL013
	Synfilm® GT	460 / 680	RPMP035/RPMP036
	Thermyl-Glyde® Worm Gear	460 / 680	RPGL022/RPGL023
Cooling Tower Gearboxes	Synfilm® GT	220 / 320	RPMP031/RPMP033

HYDRAULIC & PNEUMATIC LUBRICATION

LOCATION & EQUIPMENT	RECOMMENDED LUBRICANT	VISCOSITY GRADE	PRODUCT NUMBER
Hydraulic Systems	Syndraulic®	32 / 46 / 68	RPHY009/RPHY010/RPHY011
Pneumatic Systems	Synfilm®	32	RPMP012

ROLLING STOCK LUBRICATION

LOCATION & EQUIPMENT	RECOMMENDED LUBRICANT	VISCOSITY GRADE	PRODUCT NUMBER
Rolling Stock Hydraulic Systems	Syndraulic®	Various	Contact Technical Service

SPECIALTY & GENERAL MAINTENANCE LUBRICATION

LOCATION & EQUIPMENT	RECOMMENDED LUBRICANT	VISCOSITY GRADE	PRODUCT NUMBER
Equipment Rebuild Shop	Max-Tuff® Assembly Lube	N/A	RPAL000
General Purpose Lubricant/Penetrating Oil	Maxfilm®	N/A	RPPN000
Pumps, Blowers, Gear Boxes in Storage	VP™ Preservative Oil 10	N/A	RPCI000
Air Tools & Air Line Lubricants	Synfilm®	32	RPMP012