

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.



LUBRICATION GUIDE



OIL REFINERY



Royal Purple Industrial

1919 E. Tulsa · Wichita, KS 67216

PHONE 816.917.3200

TOLL FREE 888.678.8030

WEB royalpurpleind.com



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OIL REFINERY

LUBRICANT APPLICATIONS



BEARING LUBRICATION					
LOCATION & EQUIPMENT	RECOMMENDED LUBRICANT	VISCOSITY GRADE	NGLI GRADE	BASE OIL VISCOSITY	PRODUCT NUMBER
API Pumps	Synfilm®	68 / 100 / 150			RPMP015/RPMP017/RPMP019
All Greased Bearings	Ultra-Performance™ Grease		2	150	RPGR007
All Greased Bearings	Enduro-MP™ Grease		2	150	RPGR002
Blowers	Synfilm® GT	150 / 220			RPMP030/RPMP031
Motors	Enduro-MP™ Grease		2	150	RPGR002
Steam Turbines	Synfilm® GT	32 / 46 / 68			RPMP022/RPMP024/RPMP026

CHAIN LUBRICATION		
LOCATION & EQUIPMENT	RECOMMENDED LUBRICANT	PRODUCT NUMBER
Chains	Max-Chain®	RPCH001

COMPRESSOR & VACUUM PUMP LUBRICATION			
LOCATION & EQUIPMENT	RECOMMENDED LUBRICANT	VISCOSITY GRADE	PRODUCT NUMBER
Vacuum Pumps	Synfilm® GT	150 / 220	RPMP030/RPMP031
Screw Compressors	Synfilm®	46 / 68 / 100	RPMP014/RPMP015RPMP017
Reciprocating Compressors (Air)	Synfilm® Recip	100 / 150	RPCP014/RPCP015
Hydrocarbon Gas Compressors	Synfilm® NGL	46 - 220	RPCP008/RPCP013
Cylinder & Gland Packing Gas Compressors	CAP™ / Thermyl-Glyde®	Various	Contact Technical Service

GEAR LUBRICATION			
LOCATION & EQUIPMENT	RECOMMENDED LUBRICANT	VISCOSITY GRADE	PRODUCT NUMBER
Gearboxes Helical Gears	Synergy®	150 / 220 / 320	RPGL008/RPGL009/RPGL010
	Synfilm® GT	150 / 220 / 320	RPMP030/RPMP031/RPMP033
	Thermyl-Glyde®	220 / 320	RPGL016/RPGL017
Worm Gearboxes	Synergy® Worm Gear	680	RPMP035/RPMP036
	Synfilm® GT	460 / 680	RPGL022/RPGL023
	Thermyl-Glyde® Worm Gear	460 / 680	RPGL022/RPGL023
Environmental Acceptable Lube Areas/Gears	BioMax™ EAL Gear Oil	100 - 680	301140 - 301308



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

BARRIER FLUIDS MECHANICAL SEALS LUBRICATION			
LOCATION & EQUIPMENT	RECOMMENDED LUBRICANT	VISCOSITY GRADE	PRODUCT NUMBER
API Pump, Dual Mechanical Seal, Nitrogen Purge & Sealed System	Barrier Fluid FDA®	34	RPBF001
API Pump, Dual Mechanical Seal, No Nitrogen Purge & Open System	Barrier Fluid GT®	34	RPBF006

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

SPECIALTY & GENERAL MAINTENANCE LUBRICATION			
LOCATION & EQUIPMENT	RECOMMENDED LUBRICANT	VISCOSITY GRADE	PRODUCT NUMBER
Equipment Rebuild Shop	Max-Tuff™ Assembly Lube	N/A	RPPN000
Equipment Rebuild Shop	Maxfilm®	N/A	RPPN000
Storage Area	VP™ Preservative Oil	N/A	RPCI000