



Lyden Oil Company

ProGuard

Product Information

ProGuard Premium R&O Oils

ProGuard Premium R&O Oils are high performance multi-purpose lubricants specially formulated from high viscosity index paraffinic base stocks and robust additive technology. This combination of base oils and additives provide for excellent performance against rust and oxidation to extend fluid life, protect equipment, and reduce system maintenance.

ProGuard Premium R&O Oils shed water readily and are highly resistant to emulsification. They are suitable for use in hydraulic systems, gear cases not requiring EP lubricants, friction clutches, heat transfer systems, steam turbines, air compressors and other industrial units requiring an oxidation-inhibited, non-detergent type mineral oil.

Specifications

DIN 51517-2 Type CL
DIN 51524, Part 1, Type HL
Cincinnati Machine P-45, P-38, P-55, P-54, P-57
AGMA Specification for non-EP, R&O Gear Oils

MIL-H-17672D
ISO 6743-4, Type HL
Denison HF-0, HF-1

Typical Properties

ProGuard

Premium R&O Oils

	22	32	46	68	100	150	220	320	460
Product Code Number	17943	17942	17858	17859	17860	17861	17862	17908	17937
AGMA Number	-	-	1	2	3	4	5	6	7
Cincinnati Machine	P-45	P-38	P-55	P-54	-	P-57	-	-	-
Viscosity, ASTM D-445									
cSt at 40 °C	20.6	30.1	44.3	65.9	97	142	215	316	446
cSt at 100 °C	4.1	5.2	6.6	8.6	11.2	14.5	18.8	24.8	31.0
Viscosity Index, ASTM D-2270	100	100	100	100	100	100	100	100	100
Density at 60° F	0.856	0.860	0.864	0.866	0.874	0.878	0.883	0.888	0.891
Flash Point, (COC) ° C, ASTM D-92	205	210	210	215	215	215	228	234	236
Pour Point, ° C (° F), ASTM D-97	-25(-13)	-20(-4)	-20(-4)	-20(-4)	-15(5)	-10(14)	-5(23)	0(32)	0(32)
Oxidation Life, hrs., ASTM D-943	>5000	>5000	>5000	>5000	>5000	>5000	>5000	>5000	>5000
Water Separability									
Minutes to 40/37/3	20	20	20	20	20	20	25	25	30
Rust Test, ASTM D-665A/B	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
Copper Strip Corrosion, ASTM D-130	1B	1B	1B	1B	1B	1B	1B	1B	1B
Foam Test, Foam Vol, ml, ASTM D-892	0/0	20/0	20/0	20/0	20/0	30/0	30/0	30/0	30/0

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