

R&O

R&O TURBINE AND COMPRESSOR OIL

Catalys R&O oils are available in ISO viscosity grades 22 to 150. They are manufactured from high viscosity index paraffinic mineral oil. Catalys R&O oils are formulated to provide exceptional lubrication over a wide range of temperature and pressure. They are designed to deliver outstanding performance in steam turbine and compressors.

These high-quality lubricants contain rust and oxidation inhibitors that prevent sludge and varnish formation; hence, contributing to keep the lubrication systems clean under most severe operating conditions. All grades incorporate a high-performance antifoam agent and exhibit excellent air release property.

Suitable viscosity grade choice is dependent on manufacturer's recommendation, operating conditions, and product application.

Catalys R&O oils exceed the following specifications for hydraulic fluids:

- MIL-L-17672D
- Denison HF-1
- Cincinnati Milacron P-38, P-54, P-55 et P-57
- GEK-32568, GEK 107395
- DIN 51515, Part 1
- DIN 51524, Part 1

FEATURES/BENEFITS

- Outstanding oxidation stability and long life
- Excellent shear and thermal stability
- Low deposit forming tendency
- Provide very good protection against wear and high lubricant film strength
- Excellent rust and corrosion protection

TYPICAL PROPERTIES – CATALYS R&O OILS

ISO Viscosity Grades	ASTM	22	32	46	68	100	150
Color (max.)	D1500	1,0	1,0	1,0	1,5	1,5	3,0
Density at 15°C, Kg/dm ³	D1298	0,858	0,865	0,870	0,874	0,875	0,880
Pour Point, °C	D97	-33	-33	-27	-24	-21	-18
Flash Point, °C	D92	180	195	210	220	235	242
Viscosity:							
cSt (mm ² /s) at 40°C	D445	22,2	32,5	46,3	67,7	103	155
cSt (mm ² /s) at 100°C	D445	4,3	5,4	6,7	8,6	11,4	14,7
Viscosity Index (min.)	D2270	92	92	92	92	92	92
Copper Corrosion at 100°C, 3 Hours	D130	1	1	1	1	1	1
Oxidation Resistance, Hours	D943	3000	3000	3000	3000	2700	2200
			+	+	+	+	+
ASTM Rust Test	---						
- distilled water	D665A	pass	pass	pass	pass	pass	pass
- synthetic sea water	D665B	pass	pass	pass	pass	pass	pass
TAN, mg KOH/g of oil (max.)	D664	0,22	0,22	0,22	0,22	0,22	0,22

Available Package Size

	20 L	205 L	BULK
R&O 22	07-0698-10	07-0698-05	07-0698-00
R&O 32	07-0700-10	07-0700-05	07-0700-00
R&O 46	07-0701-10	07-0701-05	07-0701-00
R&O 68	07-0702-10	07-0702-05	07-0702-00
R&O 100	07-0705-10	07-0705-05	07-0705-00
R&O 150	07-0715-10	07-0715-05	07-0715-00