

R & O INDUSTRIAL OIL

Features:

- Excellent metal wet ability
- Steam cylinder oil for all steam pressures and temperatures.
- Excellent worm gear lubricant
- Minimizes inventory

Typical Uses:

- ISO Grade 460 is recommended for low steam pressures between 75 and 150 PSI temperatures between 340°F to 400°F.
- ISO Grades 680 and 1000 are recommended for high steam pressures over 300 PSI with steam temperatures 400 F. to 590 F.
- None of the above steam cylinder oils are suitable when the exhaust steam condensate is returned to the boiler.
- ISO Grades 460, 680 and 1000 meet the AGMA 7, 8 and 8A compounded specifications and are suitable for the lubrication of worm gears and other low speed reduction gears.
- Suitable for lubrication of heavily loaded journal bearings
- Suitable for gas compressor cylinders when compressing wet gas.

Typical Specifications:

GRADE, ISO	15	22	32	46	68	100	150	220	320	460
AGAM R&O Number	-	-	-	1	2	3	4	5	6	-
Gravity °API	35.0	34.3	32.8	31.9	32.1	31.4	29.5	27.7	29.4	25.2
Flash Point, °F.	380	390	400	420	445	480	485	505	515	525
Fire Point, °F.	410	430	440	450	480	520	525	545	560	580
Pour Point, °F.	-25	-15	0	0	0	+5	10	15	15	15
Viscosity:										
SUS @ 100° F.	80	115.6	165.2	237	237	522	789	1,165	1,707	2,475
SUS @ 210° F.	35	39.8	44.2	48.8	48.8	64.3	78.0	95.1	116.6	142.5
cSt. @ 40° C.	15	22	32	46	46	100	150	220	320	460
cSt. @ 100° C.	3.1	4.0	5.35	6.74	6.74	11.1	14.6	18.6	23.4	29.0
Viscosity Index	99	99	99	99	99	95	95	94	92	90
Color, D-1500	2.0	2.0	2.0	2.0	2.0	4.0	4.5	5.0	6.0	6.5

**OTHER ISO GRADES AVAILABLE.
VALUES SHOWN HERE ARE TYPICAL AND MAY VARY.**