



**COOLANT  
CONTROL** INC.

*The right chemistry...*

*...the right solution*

## Product Bulletin

# Pandora and Poseidon Series

## R&O Spindle and Machine Oils

### Description

The advances that have been made industrial machinery through improved technology in recent years have placed a tremendous burden on the lubricants required for operation of this machinery. This burden is the result of faster speeds, increased pressures, higher temperatures and various other factors associated with our modern day, high production oriented industry. Starting with the highest quality base stocks and additives available, the Coolant Control hydraulic oils are designed to handle the above mentioned conditions. Actual field use has proven that the **Pandora and Poseidon** series give excellent performance in all spindle and machine oil applications as well as hydraulic oil applications.

The **Pandora and Poseidon** series of rust & oxidation inhibited oils are compounded with high VI paraffinic base oils and state of the art additives. These additives include anti-foam agents, metal deactivators and ashless rust inhibitors producing premium quality fluids. These fluids are designed to perform in a variety of applications that include compressors, circulating systems and hydraulic systems.

### Performance Benefits

- **Pandora series** surpasses 2500 hours on the ASTM D-943 test (oxidation characteristics of inhibited steam turbine oil test)
- **Poseidon series** gives 4000 hours on the ASTM D-943 test (oxidation characteristics of inhibited steam turbine oil test)
- **Poseidon series** is NSF registered for food grade applications
- Both **Pandora and Poseidon** perform excellent on the ASTM D-665 test (rust preventing characteristics of steam turbine oil test)

### Compatibility with Work Materials and Change Out

**Pandora and Poseidon Series** oils are compatible with all oil resistant seals and all metal and oil resistant surfaces. Check with your Coolant Control Oil sales person for questions regarding compatibility.

### Recommended Applications

**Pandora and Poseidon Series** oils are designed to be used straight in any application requiring the use of an R&O type oil such as hydraulic, spindle and machine lubricant applications. Select the viscosity recommended by the equipment manufacturer.

## Typical Characteristics

<b>Pandora Series</b>	<b>15</b>	<b>22</b>	<b>32</b>	<b>46</b>	<b>68</b>	<b>100</b>	<b>150</b>	<b>220</b>	<b>320</b>	<b>460</b>
<b>Poseidon Series</b>	<b>15</b>	<b>22</b>	<b>32</b>	<b>46</b>	<b>68</b>	<b>100</b>	<b>150</b>	<b>220</b>	<b>320</b>	<b>460</b>
Viscosity @100°F, SUS	86	116	166	238	353	522	790	1165	1707	2466
Viscosity @210°F, SUS	-	40	44	49	56	64				
Viscosity @100°C, cSt	-	4.3	5.4	6.8	8.8	11.2				
Viscosity Index	101	101	101	100	100	97	97	97	97	97
SAE Number	-	5	10	20	20	30				
Flash Point °F	380	385	405	405	430	455	460	475	485	505
Pour Point °F	0	+10	+10	+15	+15	+15	+15	+15	+15	+15
Density, lbs/gal	7.16	7.22	7.26	7.30	7.34	7.38	7.41	7.44	7.46	7.48