Want	:			Given	T0	298	3 К			
a		1.471162787			Р	50) atm			
b		0.11491999								
С		0.379338596								
d		0.298997234								
				(T/1000)^2						
CpH2		29.182								
CpO2		28.186								
CpH2		26.896								
				T^(-0.75)						
СрОН		81.55	-15.01	0.313	-0.02	2				
to get a and b										
a	4 474460707	b	kp3	kp4	constraint					
	1.4/1162/8/	0.11491999	1.432042359	3.663596	0.043594	+				
Tc		Кр3	Кр4	а	b	enthH2O	enthO2	enthH2	enthOH	enth_sum
10	358 <i>A</i> 516761	•	3.663596384				15918.64			9.31512E-07
	3384.310701	1.432042333	3.0033390384	1.471103	0.1143	2 -/3401	1 13310.04	40002.03	14000.3	9.313121-07
n		2.264418607								
	0.649614871	0.050785663		0.132043						
mole	cular weight	15.89767894								
all Cp										
h20		55.1687799								
o2		41.13762708								
h20		38.29080239								

oh

c*

cp_total

gamma

7.920468592 142.517678

1.061950612

1328.605425