



HOT QUENCH OIL No. 809 XV

Hot Quench Oil No.809 XV is made by superior refined base oil which contents high uniform stable molecular than normal base oil. It also calls Modified Marquenching Oil. It prevents working parts over bending when it uses as a cold quenching oil, it goods for gear, shaft carbonized heat treatment. It cans use at continue furnace to treat bearing lace.

❖ SPECIAL FEATURES

1. It cans avoid working parts change when oil temperature at 80°C ~ 110 °C. It cans use as martempering oil when oil temperature at 120 °C ~ 160 °C.
2. It made by superior refined base oil can offer nice heating stable ability, can prolong using life.
3. It has less smoking problem compete with the others hot quenching oil during heat treatment processing.

❖ TYPICAL PROPERTIES

Test Items		Specification	Typical Data	
Viscosity (100 °C)	mm ² /s	7.0 ~ 9.0	7.9	
Flash point (c.o.c)	°C	min. 220	254	
Carbon Residue	mass %	report	0.03	
Water Content	vol. %	max. 0.0	0.0	
Stability	Change in Viscosity	max. 1.5	Pass	
	Carbon Residue Increment	max. 2.0	Pass	
Brightness (SUJ-2)		min. 0.800	0.850	
Cooling Performance	800 ~ 400 °C	sec.	max. 5.50	4.7
	Characteristic Temp.	°C	max. 600	620
	H Value	l/cm	---	0.102