



NIPPON GREASE CO.,LTD.

Toyosaki Bldg.,
18-21 Chayamachi Kita-ku Osaka 〒530
TEL(06)373-0171 FAX(06)373-0174

BRIGHT QUENCH OIL S-1080H

Bright Quench Oil S-1080H, consisting mainly of highly refined base oil, is suitable for use in both continuous and batch furnaces.

❖ **SPECIAL FEATURES**

1. Due to excellent oxidation stability, the oil can be used for a prolonged period constantly providing brightness on the treated materials.
2. Take out loss of the oil is outstandingly small, and together with its good cleansing characteristics, the product is very widely used for treating tapping screws and similar small materials.
3. It is an other feature of the oil that effluent out of the treatment can be separated to oil and water much easier than conventional bright quench oils.
4. Without special care, surface finishing such as plating can be carried out smoothly on the materials after quenching.

❖ **TYPICAL PROPERTIES**

Test Items		Specifications	Typical data
Viscosity (40°C) mm ² /s		17.0 ~ 23.0	21
Flash Point (c.o.c.) °C		min.170	191
Carbon Residue mass %		max.0.20	0.02
Water Content vol. %		max.0.20	0.0
Stability	Change in Viscosity	max.1.5	Pass
	Carbon Residue Increment	max.2.0	Pass
Brightness (SUJ-2)		min.0.800	0.860
Cooling Performance	800 ~ 400 °C sec.	max.4.0	3.0
	Characteristic °C	max.580	610
	H Value 1/cm	---	0.135