



LUBRICANTS

POWER TO PERFORM

HP METAQUENCH 87

QUENCHING OILS

DESCRIPTION

This is a metaquenching oil suitable for maintaining the quenching bath at temperatures between 150- 220°C. It gives low and predictable quench distortions cutting down rejects. METAQUENCH 87 involves new generation base stocks with optimized viscosity characteristics. This product gives lower deposits extremely low sludge and carryover.

APPLICATION AREAS

It is recommended for the mass production of high precision, high quality products such as bearing races, automotive gears and transmission components.

PHYSICO-CHEMICAL PROPERTIES

PROPERTIES	METAQUENCH								
	39	40	42	43	44	45	85	86	87
Viscosity Kinematic, cSt @ 40°C	23-33	58-72	20-33	20-33	20-33	20	13-18 at 100°C	13-18 at 100°C	178
Viscosity Index, Min	90	90	90	90	90	95	88	80	95
Flash Point, Coc, °C, Min	190	220	190	190	170	170	230	230	250
Neut. No. mg KOH/gm	0.1	0.1	1.3	0.6	-	-	0.1	-	-
Copper Strip Corrosion, 3 Hrs @ 100°C , Max.	1	1	1	1	1	1a	1	1	1a