

BCN Tech Services Recommended Lubricants- Systems Used and Identified Points of Use





**BLISS
CLEARING
NIAGARA**

Member of the Schuler Group

Type of Lubrication System Used

Points of Lubrication

TYPE/
MSDS DESCRIPTION

		Air Actuated Systems	Air Line Lubrication	Die Clamp Systems	Hand Pump	Hydraulic Overload Systems	Manual Brush	Manual Fill	Mechanical Driven Systems	Mechanical Oil Systems	Motorized Systems	Recirculating Oil Systems	Anti-Friction Bearings	Brake Packing	Clutch Packing	Connection Ball Seat	Connection Bearings	Connection Wrist	Counterbalance Packing	Cushing Packing	Die Coolant	Gears	Gears Enclosed (Dip Type)	Gears Open	Main Bearing	Main Gears	Slide and Gib Ways	
A 1116	ISO VG 220 Circulating Oil Rust and Oxidation Inhibited	x		x	x	x				x		x	x			x	x	x	x			x			x		x	
B 1117	ISO VG 68 Way Type Oil for High Speed Presses Rust and Oxidation Inhibited											x	x			x	x	x	x						x		x	
C 1113	ISO VG 32 Rust and Oxidation Inhibited	x												x	x					x								
E 1345	ISO VG 460 Rust and Oxidation Inhibited							x															x					
G 1346	Open Gear Lubricant Rust and Oxidation Inhibited						x																	x				
H 1356	Multipurpose Grease NLGI 1 Rust and Oxidation Inhibited	x			x				x		x		x			x	x	x								x		x
J 1348	ISO VG 320 Circulating Oil Rust and Oxidation Inhibited	x			x				x			x	x					x								x		x
N/A 1344	Water Based Die Coolant																											

BCN Recommended Lubricant Specifications

LUBRICANT TYPE / MSDS / DESCRIPTION	AMOCO	CHEVRON	CITGO	JAX	JENKIN - GUERIN	MOBIL / EXXON	SUNOCO (SUN)	TEXACO
A_1116_ISO VG 220 Viscosity at 40 deg C (cSt) = 198~242 Viscosity at 100 deg C (cSt) = 20 Approximate SUS Viscosity at 100 deg F = 1050 ~1250 Approximate Viscosity at 210 deg F = 101 Viscosity Index= 95 Typical Flash Point deg F (minimum) = 438	American Industrial Oil No. 220	Chevron Machine Oil AW ISO 220	Pacemaker 220	Way-Tac ISO 220	J.G.. Special Gear Lube #99 SAE 90	Mobil DTE Oil BB	Sunvis 9220	Regal R & O 220
B_1117_ISO VG 68 Viscosity at 40 deg C (cSt) = 61.2~74.8 Viscosity at 100 deg C (cSt) = 8.6 Approximate SUS Viscosity at 100 deg F = 320 ~380 Approximate Viscosity at 210 deg F = 55 Viscosity Index= 95 Typical Flash Point deg F (minimum) = 380	Waytac Oil No. 68	Chevron Way Oil Vistac ISO 68	Sliderite 68	Way-Tac ISO 68	Anchor Slide & Way Lube SAE 80	Vactra Oil No. 2	Lubeway	Way Lubricant 68
C_1113_ISO VG 32 Viscosity at 40 deg C (cSt) = 28.8~35.2 Viscosity at 100 deg C (cSt) = 5.1 Approximate SUS Viscosity at 100 deg F = 150 ~180 Approximate SUS Viscosity at 210 deg F = 44 Viscosity Index= 95 Typical Flash Point deg F (minimum) = 370	American Industrial Oil No. 32	Chevron Hydraulic Oil AW ISO 32	Pacemaker 32	Hydra-Plate ISO 32	Anchor #150 A/W Hydraulic Turbine Oil	Mobil DTE Oil Light	Sunvis 932	Rando HD 32
E_1345_ISO VG 460 Viscosity at 40 deg C (cSt) = 414~506 Viscosity at 100 deg C (cSt) = 31.8 Approximate SUS Viscosity at 100 deg F = 2250 ~2700 Approximate SUS Viscosity at 210 deg F = 153 Viscosity Index= 95 Typical Flash Point deg F (minimum) = 520	American Industrial Oil No. 460	Chevron Clarity Paper Machine Oil ISO 460	Pacemaker 460	Hp Industrial Gear Oil 460	J.G.. Special Gear Lube #99 SAE 140	Mobil DTE Oil HH	Sunvis 9460	Regal R & O 460

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G_1346_Open Gear Lubricant Viscosity at 40 deg C (cSt) = 5000* Viscosity at 100 deg C (cSt) = 1100 Approximate SUS Viscosity at 100 deg F = 25000* Approximate SUS Viscosity at 210 deg F = 5000 Flash Point deg F (minimum) = 250 * Contains diluent	Amovis Lubricant No. 8X	Chevron Open Gear Lubricant Grade 100 NC	None	Gear Guard FG	Anchor Polyfiber EP #2	Mobiltac 375 NC	None	Crater Fluid M
H_1347_Multipurpose Grease NLGI 1 Penetration Unworked - 310 minimum Penetration 77 deg F Worked to 60 Strokes = 310~340 Dropping Point deg F = 475 Typical Free Alkali and Fatty Acid % 0.3 Maximum Water % 0.5 Maximum Mineral Oil % 88 Minimum Viscosity of Mineral Oil at 100 deg F SUS 750 Minimum	Amolith Grease No. 1 EP	Chevron Dura-Lith Grease EP NLGI 1	Premium Lithium EP 1	Magna-Plate 500-1	Anchor EP Lithium #1 Grease	Mobilgrease XHP 221	Sun Prestige 741 EP	Multifax EP 1
J_1348_ISO VG 320 Viscosity at 40 deg C (cSt) = 288~352 Viscosity at 100 deg C (cSt) = 24 Approximate SUS Viscosity at 100 deg F = 1550~1850 Approximate SUS Viscosity at 210 deg F = 120 Viscosity Index= 95 Typical Flash Point deg F (minimum) = 450	American Industrial Oil No. 320	Chevron Machine Oil AW ISO 320	Pacemaker 320	Hp Industrial Gear Oil 320	J. G. Special Gear Lube #99 SAE 120	Mobil DTE Oil AA	Sunvis 9320	Regal R & O 320