



OUR ENERGY COMES THROUGH®

Irrigation Lubricant Guide

Cenex® Lubricants



Irriflex®
Low Ash Oils for Stationary Natural Gas or LP Irrigation Engines
 A low ash, high quality oil specially formulated for use in natural gas and LP engines where a low amount of metallic ash forming components are critical.



Turbine Oil XL
Premium Turbine Oil
 A premium quality zinc-free rust and oxidation (R&O) inhibited turbine oil.



Maxtron® SHC
Full Synthetic, R&O Gear, Circulating, and Bearing Lubricant
 A line of full synthetic, R&O gear, circulating and bearing oils designed to provide outstanding equipment protection, oil life, and problem-free operation.



Maxtron® GL
Full Synthetic Gear Lubricant
 Specially formulated for extended drain and severe service in heavy-duty, extreme pressure applications.



Drip Oil
Premium Irrigation Well Lubricant
 An ultra refined, ultra clear Group 2 base oil.



MP Gear Lube
Extreme Pressure Gear Lubricant
 An extreme pressure gear lubricant for use in the majority of gear cases.



Indol
Premium Antiwear Hydraulic Oil
 Our exceptional quality zinc containing antiwear hydraulic oil.



AGMA/EP
Industrial Extreme Pressure Gear and Rock Drill Oil
 Specially formulated for heavy-duty industrial gear sets as specified by the American Gear Manufacturers Association (AGMA).

Cenex® Grease



Maxtron® EP
Synthetic Blend Lithium Complex Grease
 An extreme duty, semisynthetic multipurpose grease recommended for automotive, industrial, and farm use.



Poly-Xtreme™
High Temperature Polyurea Grease
 An advanced technology poly-urea based grease.



Blue Gard 500+
Premium Multipurpose High Temperature Grease
 A premium heavy-duty, multipurpose grease recommended for automotive, industrial, and farm use.



Molyplex 500+
Premium Multipurpose High Temperature Grease
 A premium heavy-duty, multipurpose grease recommended for automotive, industrial, and farm use.



ML 365®
Multipurpose All Season Grease
 A high quality multipurpose type grease available in NLGI grades 2, 1, 0 and 00.

Irrigation Lubricant Guide

SPECIFICATIONS Irrigation Equipment Lubricant Recommendations

GEAR DRIVE MANUFACTURERS	SPECIFIC OIL RECOMMENDATION	
	Primary	Alternate
AMARILLO		
Models 20 through 250	B	F G I
10 – 30 Fahrenheit	C	F G I
30 – 100 Fahrenheit	D	F G I
Above 100 Fahrenheit	D	F G I
JOHNSON	C	F G I
RANDOLPH		
10 – 40 Fahrenheit	B	F G I
30 – 60 Fahrenheit	C	F G I
50 – 125 Fahrenheit	E	G
STAPLETON		
Winter	B	F G I
Spring	C	F G I
Summer	D	F G I
U.S. MOTORS		
Worm Gear	G	
Helical Gear		
15 – 90 Fahrenheit	C	
30 – 100 Fahrenheit	D	
VERTICAL ELECTRIC MOTORS:		
GENERAL ELECTRIC	A	
U.S. MOTORS		
Hollowshaft high-thrust bearing type: "RU, HU, TU, other oil lubricant"		
Angular Contact	A	
Spherical Roller	C	
Guide Bearing Deep groove ball type	A	
Hollowshaft types: "AU, Solid shaft AV, other grease lubricated"	H	
BELT-DRIVEN UNITS		
Bearing assemblies:		
Oil Lubricated	A	B
Grease Lubricated	H	
GEAR DRIVE MANUFACTURER KEY TO LUBRICANTS		
A. Indol ISO 32	G. MP Gear Lube 80W-90	
B. Indol ISO 68	H. Blue Gard 500+, or Molyplex 500+ #2, or Maxtron EP	
C. Indol ISO 100	I. Circle Three	
D. Indol ISO 150		
E. Indol ISO 220		
F. Maxtron THF+		
PUMP MANUFACTURERS	SPECIFIC OIL RECOMMENDATION	
	Primary	Alternate
Berkeley	B	A
Bryon Jackson	A	
Gould	A	
Layne	A	
Layne-Bowler	A	
National	A	
Peerless	A	
Stapleton	A	
Western	A	
Western Land Roller	B	A
PUMP MANUFACTURER KEY TO LUBRICANTS		
A. Drip Oil	B. Indol ISO 32	

PIVOT MANUFACTURERS	HYDRAULIC OIL		WORM-GEAR DRIVES		OTHER GEAR DRIVES		GREASE FITTINGS or PACKED	
	Primary	Alternate	Primary	Alternate	Primary	Alternate	Primary	Alternate
CENTER PIVOT HYDRAULIC-DRIVEN								
BJM Cropwheel	A							
Olsen	A							H
T – L	A	D	I		I			H
Triple-I	C	D						H
Ulysses Irrigation	B	D						H
Valley	A		J					H
WATER-DRIVEN								
Higromatic			E					H
Lindsay								H
Lockwood			E					H
Schafer			E					H
Valley			J					H
ELECTRONICALLY-DRIVEN								
Electrogator			E					H
Gifford-Hill			E					H
Higromatic			E					H
Lockwood			E					H
Olsen			E					H
Raincat			E					H
Valley			J					H
Zimmatic			E					H
OTHER TYPES								
SELF-PROPELLED								
Farmhand								
"Walking Water"	C	D						H
E-Z Rain					F	G		H
Lindsay "Big Gun"					F	G		H
Redi-Rain	C	D						H
Vemeer "Big Gun"					F	G		H

PIVOT MANUFACTURER KEY TO LUBRICANTS			
A. Indol ISO 22	E. MP Gear Lube SAE 85W-140 or Maxtron 80W-140	F. MP Gear Lube SAE 80W-90 or Maxtron 75W-90	H. Blue Gard 500+, or Molyplex 500+ #2, or Maxtron EP
B. Indol ISO 32		G. Circle Three	I. ML 365 NLGI 00
C. Indol ISO 46			J. AGMA EP 6
D. Qwiklift HTB or Maxtron THF+			

ENGINE MANUFACTURERS	VISCOSITY RECOMMENDED	ENGINE MANUFACTURERS	VISCOSITY RECOMMENDED
Caterpillar	SAE 40, 30, 15W-40	Lister-Petter	SAE 30, 15W-40
Chevrolet	SAE 30, 15W-40	Leroi	SAE 30, 20W-40
Chrysler	SAE 20W-40, 10W-40	Moline	SAE 30
Cummins	SAE 15W-40, 10W-30	Perkins	SAE 30, 15W-40
Ford	SAE 20W-40, 15W-40	Waukesha	SAE 40, 30
GMC	SAE 40, 30, 15W-40	White	SAE 40, 30, 15W-40
International	SAE 30, 20W-40, 15W-40		

Cenex Recommends Following The Manufacturers' Recommendations On Oil Viscosity And Temperature.
 • Cenex Irriflex is available in viscosity grades SAE, 30, 40, 50, 20W-40.



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