

SERVICE BULLETIN

AGMA ISO VG 220 LUBRICANT

We get a lot of calls from people wondering where they can find the ISO VG 220 lubricant that we specify for most of the water pumps and blowers used on our equipment. Below is a list of brands and their designations for this oil.

Brand	WATER PUMPS		BLOWERS	
	Mineral Based R&O Gear & Bearing Oil	Mineral Based EP5 Gear Oil	Synthetic EP5 (5S) <small>Base formulation: PAO (Polyalphaolefin)*</small>	
Agip	Acer 220	Blasia 220	Blasia SX 220	
Amoco	American Industrial Oil 220	Permagear EP LUB 220	Synthogear EP 220	
BP	Energol HLP-HM 220	Energol GR-XP 220		
Castrol	Alpha ZN220 or Magna 220	Alpha SP220	Alphasyn HG 220	
Chevron	AIO 220	Ultra Gear ISO 220	Tegra ISO 220	
Citgo	Pacemaker 220	Citgo EP Compound 220	Citgear Synthetic HT 220	
Conoco	Multipurpose R&O 220	Hydroclear EP ISO 220	Syncon ISO 220	
Dresser Roots	--	--	Synfilm GT (Royal Purple?)	
Esso	Nuto 220	Spartan EP 220	See Mobil	
Exxon	Terresstic 220	Spartan EP 220	See Mobil	
Gardner/Denver	--	--	AEON PD Synthetic	
Mobil	D.T.E. Oil BB	Mobilgear 630	Mobilgear SHC 630 **	
Phillips 66	Magnus Oil 220	Philgear 220	Syndustrial EP 220	
Royal Purple	--	--	Synfilm GT 220	
Shell	Tellus Oil C 220	Omala Oil 220	Hyperia 220	
Sinclair	Artic Fire R&O 220	Artic Fire EP 220	Dyno-Tech EP 220	
Sunoco	Sunvis 9220	Sunep 220	Challenge EP 220	
Texaco	Regal R&O 220 or Rando HD 220	Meropa 220	Pinnacle EP 220	
Valvoline	Ultramax 220	Valvoline EPG 220		

Glossary: AW=Anti Wear R&O=Rust & Oxidation EP=Extreme Pressure

* PAG oil is not recommended

** Not recommended by Roots

Manufacturer's Recommendation (for Normal Ambient Temperatures)	
GASO 3364 Series Water Pump	EP5 R&O non corrosive to bronze* (check with oil supplier)
Gardner Denver (Sutorbilt)	EP5 (but their AEON PD synthetic is highly recommended)
General Pump Company MS & KL Series	R&O
Hibon models VTB810H & VTB820H	Mobilgear SHC 630 (Synthetic)
Hibon all other models	Mobilgear 630 (EP5) or Mobilgear SHC 630 (Synthetic)
Myers D65 & DP80 series	Mobilgear 630 (EP5)
Roots (prior to 2005)	EP5 or for HD applications use Synfilm GT Synthetic
Roots (units since 2005)	Synfilm GT Synthetic
Uraca Water Pumps	R&O (can use 75W90 GL5 Synthetic or 80W90 GL5)

* Sulfur-phosphorus EP additives are corrosive to copper and copper alloys (brass, bronze, etc.)

O.E.M. OILS: If for some reason you cannot find the recommended oil we can arrange to have the OEM oil drop shipped to you.

Dresser Roots Synfilm GT: Hi-Vac p/n 26-0108 (gal.)

Gardner Denver AEON PD: Hi-Vac p/n 26-0067 (qt.) or 26-0100 (5 gal.)

General Pump ISO220: Hi-Vac p/n 26-0107 (2.5 gal.)