

Product Information

GERALYN® AW SERIES

Description

GERALYN® AW SERIES is a selection of premium food-grade oils formulated with high quality additive treatments that provide anti-wear protection, oxidation resistance, anti-foam, water separation and rust prevention. These products are clear, water-white fluids, biologically inert, and manufactured in conformance with US FDA requirements for use where incidental contact with a food product is possible. Available in ISO viscosity grades, 15, 22, 32, 46, 68, 100, 220 and 460.

Field of application

GERALYN® AW products are designed for use in high-pressure hydraulic systems as well as in circulating systems for general lubrication of food processing machinery. They provide anti-wear and corrosion protection for a wide range of mechanical equipment that may contact food, beverages, or related products and their containers. Will tolerate small amounts of water without sacrificing performance where wet conditions are present and some infiltration is unavoidable.

Also recommended for bearings, chains, slides, spindles, pumps and light to medium duty gearboxes that can benefit from anti-wear oil lubrication.

Suitable for use wherever anti-wear performance is required and non-toxic USP white mineral oil is desired, such as in food production and packaging operations. Applications include vane, piston or gear-type pumps used in pneumatic vacuum systems, compressors or blowers.

Method of application

GERALYN® AW oils are to be used as received. As machine lubricating oils, they can be applied by brush, drip, splash, spray or circulating systems.

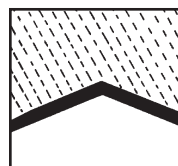
Premium food-grade oil for anti-wear service

- hydraulic fluid for high pressure systems
- circulating oil for gearing, bearings, levers and cams
- vacuum pumps, compressors and blowers
- roller chains, slides and conveyor mechanisms
- anti-foaming to prevent pump cavitations or system overflow
- excellent water separation and hydrolytic stability
- oxidation resistant and thermally stable to minimize varnish build-up, deposits and gummy residue
- superior rust and corrosion protection
- registered NSF (H1), Kosher and Canadian Food Inspection Agency

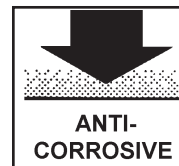
Note: Products meet United States Food and Drug Administration (FDA) regulations as set forth in CFR 21, Section 178.3570 (lubricants with incidental food contact.) They contain no natural substances derived from animals or genetically modified organisms. Products are biostatic; will not promote microbial or fungal growth.



See Technical Data
for Numbers



water tolerant



anti-corrosive



food compatible



Technical Data

GERALYN® AW SERIES

Characteristics	Value			Unit	Test
Product Name	Geralyn AW-15	Geralyn AW-32	Geralyn AW-46		
NSF H-1 Registration	133338	133345	133347		
ASTM Color	<0.5	<0.5	<0.5		
Viscosity @100°C	3.36	5.90	7.10	cSt	ASTM D445
Viscosity @ 40°C	15.41	33.73	47.82	cSt	ASTM D445
Viscosity Index	81	119	106		Calculated
Pour Point	-38 (-39)	0 (-18)	0 (-18)	°F (°C)	ASTM D97
Flash Point	360 (182)	445 (229)	420 (216)	°F (°C)	ASTM D92
Fire Point	390 (199)	475 (246)	440 (227)	°F (°C)	ASTM D92
4-Ball Wear	----	0.55	0.55	mm	ASTM D2266
Demulsability	----	40/40/0 (10)	40/40/0 (10)	Pass/Fail	ASTM D1401
Product Name	Geralyn AW-68	Geralyn AW-100	Geralyn AW-220		
Product Code	133350	133351	133352		
ASTM Color	<0.5	<0.5	<0.5		
Viscosity @100°C	8.88	11.6	23.0	cSt	ASTM D445
Viscosity @ 40°C	65.18	101.6	229.10	cSt	ASTM D445
Viscosity Index	110	102	124		Calculated
Pour Point	0 (-18)	0 (-18)	5 (-15)	°F (°C)	ASTM D97
Flash Point	420 (216)	490 (254)	440 (227)	°F (°C)	ASTM D92
Fire Point	445 (229)	550 (288)	470 (243)	°F (°C)	ASTM D92
4-Ball Wear	.55	.55	.45	mm	ASTM D2266
Demulsability	40/40/0 (10)	40/40/0 (10)	40/40/0 (10)	Pass/Fail	ASTM D1401

Package size: on request

Product information furnished is based on data obtained by our own research and is considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data, or the results to be obtained from the use thereof. Seller shall not be liable for any loss or damage or liability resulting from the use of the product in the buyer's manufacturing processes or in combination with other substances.