



Performance Biolubricants and Colloidal Cleaners

Food Grade General Purpose Lubricant/ Release Agent (NSF H1, H2, 3H) (ISO 22*)

Applications

Typical Specifications



Nonfood Compounds
Program Listed (3H, H1, H2)
(Registration #140522)

To Order

Available Size
Container

Quantity (min.)

WISE Food Grade (FG) General Purpose Lubricants¹ are vegetable oil-based lubricants that contain ingredients which are “Generally Regarded as Safe” (GRAS) for food possessing equipment and food & beverage-related applications. This lubricant can be used in applications where there is a very high possibility of the lubricant coming into direct contact with food products. They have excellent oxidative stability and high biodegradability and can be used in environmentally sensitive areas such as in agriculture, marine, and most workplaces. WISE FG General Purpose Lubricants provide excellent compatibility with many types of rubber, general purpose elastomers, and other materials they may contact. These oils provide short term corrosion protection for metal parts and they are non-staining to aluminum and yellow metals. Their natural oiliness provides excellent lubricity in equipment that does not require anti-wear and E.P. additives.

The advantages are many: biodegradable, renewable, low toxicity, no volatile organic compounds (VOCs), safer, more fire resistant, EPA and ISO 14000 compliant, reduces reliance on imported oil, and helps secure the regional economy. OSHA and worker acceptance is high with biobased oils.

Drip oilers, air-oilers, air-tools, water pumps, bearings, machine oil, roller chains, cables, light circulating oil, etc., and general lubrication.

This product may also be used in light reduction units where original equipment manufacturers require a Rust & Oxidation (R&O) lubricant.

WISE FG General Purpose Lubricants are environmentally responsible lubricants that are formulated from renewable agricultural plant resources. We believe Earth’s environmental future rests in the use of renewable material.

ISO Grade	10	15	22*	32	46	68	100	150	220
ASTM Grade (Neutral Oil)	60N	75N	105N	150N	215N	315N	465N	700N	1000N
API Gravity @ 60°F. (D-287)	29.3	27.5	27.5	25.7	25.7	25.7	25.7	25.7	25.7
Pounds/Gallon @ 60°F.	7.32	7.40	7.44	7.49	7.48	7.48	7.47	7.47	7.46
Spec. Gravity @ 60°F. (D-287)	.84	.86	.88	.89	.90	.90	.90	.90	.90
VISCOSITIES:									
@100°C., cSt. (D-445)	2.97	4.0	5.05	7.18	9.93	13.3	19.0	26.9	36.4
@40°C., cSt. (D-445)	10.0	14.7	20.5	31.3	45.7	64.95	99.13	151.3	220.30
Viscosity Index (D-2270)	160	176	190	205	213	215	215	216	218
Flash Point, COC, °C (D-92)	146	180	220	250	280	280	280	280	280
Pour Point, °C (D-97)	-20	-20	-20	-20	-20	-18	-15	-10	-5
Stabilized, Oxidation Inhibited	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

This product is based on a proprietary and patented anti-oxidant, anti-wear, and cold flow technology. Base stocks are non-GMO agricultural vegetable oils. This stabilized technology provides high performance in high and low temperature applications, reducing oil thickening and deposits.

¹ Base oils and additives in this product are listed in 21 CFR 178.3570, lubricants for incidental food contact (USDA H-1) and are 'Generally Regarded as Safe' (GRAS) for food applications. Full compliance with other applicable restrictions of FDA, USDA, oil spill, and oil pollution prevention statutes is recommended.

Fax to 831-728-1753 or call 800-491-9473 for Customer Service
Visit www.wisesolutions.net or Email sales@wisesolutions.net

5 gal. Pail	55 gal. Drum	330 gal. Tote