



DURALIFE® FOOD MACHINERY GEAR OILS

DURALIFE® FOOD MACHINERY GEAR OILS are anti-wear, extreme pressure, non-toxic, USDA H-1 food grade lubricants designed specifically to provide superior lubrication and high load carrying capacity to gears on equipment in food, feed & pharmaceutical processing, bottling and packaging industry. They are formulated from high quality food grade base oils and additives to meet the stringent requirements of the U.S. Food and Drug Administration (FDA) Federal Regulation 21 CFR 178.3570, 178.3620 and the NSF International guidelines for incidental food contact.



APPLICATIONS :

DURALIFE® FOOD MACHINERY GEAR OILS are recommended for gear boxes, chains, conveyor belts in canneries, beverage bottling plants, breweries & wineries, drinking & potable water treatment, potato/corn chip plants, bakeries, sugar & candy manufacturers, cheese product producers, pasta manufacturers, vegetable & fruit processors, meat and poultry processing plants, seamers, egg processing plants, fish & seafood processing plant, frozen food plants, pet food & animal feed producers and other food manufacturing & processing plants. It also is recommended for pharmaceutical industry such as pharmaceutical & drug manufacturers, cosmetic manufacturers.

BENEFITS :

- H1 food grade gear oil.
- Excellent wear, corrosion and rust protection.
- Rapid water separation. Superior gear protection against water contact.
- Good anti-oxidant properties.
- Good Foam resistance properties provide longer gear life.
- Excellent lubrication under heavy loaded gears.
- Better adhesion on surface.

TYPICAL CHARACTERISTICS :

Product Specifications	Test Method	FMEP 100	FMEP 150	FMEP 220	FMEP 320	FMEP 460
ISO Grade		100	150	220	320	460
Specific Gravity @ 15.6°C (60°F),	ASTM D 1298	0.87	0.875	0.877	0.880	0.885
Color	ASTM D 1500	0.5	0.5	0.5	0.5	0.5
Viscosity	ASTM D 445					
@ 40 °C, cSt		99.9	147.8	226	328	467
@100 °C, cSt		11.3	15.2	21.5	29.0	38.2
@100 °F, SUS		522	774	1189	1727	2468
@210 °F, SUS		65.1	80.5	107.9	142	48.9
Viscosity Index	ASTM D 2270	99	104	114	120	125
Flash Point, °C(°F)	ASTM D92	205(401)	215(419)	225(437)	238(460)	245(473)
Pour Point, °C(°F)	ASTM D97	-15(5)	-15(5)	-12(10)	-12(10)	-12(10)
Specification & Certificates						
	NSF International Registration #	151686	151925	151926	151927	151928
	HALAL Certificate #	HPR 3376- O/G				

The above characteristics are average values based on recent production. Minor variations which do not affect product performance are to be expected in normal manufacture .

WARNING!

Continuous contact with used oil has caused skin cancer in animal tests. Avoid prolonged contact. Thoroughly wash exposed areas with soap and water. Keep out of reach of children.

Don't pollute. Conserve resources. Return used oil and bottle to collection centers

Reference MSDS Number 12106 database on our website at www.amtecol.com

