



Nonfood Compounds
Program Listed H1

Exact™ SL Universal Oils

Food Grade Multi-Purpose Synthetic Oils

About Exact™ SL Universal Oils

Exact™ SL Universal Oils are premium quality synthetic lubricants engineered with the highest quality additives to offer prolonged service life under the most severe operating conditions. **Exact™ SL Universal Oils** conform to international food standards. All components are approved under FDA regulation 21 CFR 178.3570. **Exact™ SL Universal Oils** are NSF H1 registered and authorized by the **Canadian Food Inspection Agency**. **Exact™ SL Universal Oils** are confirmed to be safe for incidental food contact. All viscosity grades are specifically formulated to operate in wet or dry food processing environments. **Exact™ SL Universal Oils** are compounded to assure excellent protection against wear, foam and rust.


Applications

Exact™ SL Universal Oils are best suited for:

- Food processing and some pharmaceutical areas
- Hydraulic applications
- Bearings
- Gearboxes
- Airline lubrication
- Pumps
- General purpose lubrication
- Chains

Available Packaging

These products are available in pails (19L/5 US Gal), drums (208L/55 US Gal), and bulk (1250L/330 US Gal) containers.

Discover
the  exact advantage
www.commonwealthoil.com

Exact™ SL Universal Oils – Technical Data Sheet (TDS)

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Performance Benefits

Exact™ SL Universal Oils provide the following benefits:

- Exceptional resistance to rust and corrosion, even when operating in wet or humid environments
- Resist oxidative breakdown to provide sludge-free systems, longer fluid life, and decreased downtime
- Protects your equipment and metal parts with anti-wear technology for use in tough operating conditions
- Specialty additive package allows the fluid to adhere to surfaces, preventing fluid drips and spray loss as well as some anti-misting properties
- Fully synthetic base fluid provides superior lubrication under a broad range of applications

Technically Speaking

ISO Viscosity Grade	7	15	22	32	46	68	100
NSF Registration Number	139159	139155	139156	139160	139161	139162	139163
Viscosity, cSt @ 40°C	7	15	22	32	46	68	100
Viscosity, cSt @ 100°C	NA	3.3	4.2	5.4	6.7	9	11.5
Viscosity, SUS @ 100°F	NA	78	110	158	220	340	480
Viscosity, SUS @ 210°F	NA	37	40	44	47	55	63
Viscosity Index	NA	80.1	87.8	102	97	106	102
Flash Point, °C (COC)	164	176	186	210	> 240	> 240	> 240
Flash Point, °F (COC)	327.2	348.8	366.7	410	> 464	> 464	> 464
Pour Point, °C/°F	-35/-31	-35/-31	-35/-31	-30/-22	-30/-22	-30/-22	-30/-22
Specific Gravity, g/ml	0.82	0.83	0.83	0.84	0.84	0.84	0.84
Density, lbs./US Gal	6.84	6.93	6.93	7.01	7.01	7.01	7.01
ISO Viscosity Grade	150	220	320	460	680	1000	
NSF Registration Number	139164	139166	139167	139168	139169	139170	
Viscosity, cSt @ 40°C	150	220	320	460	680	1000	
Viscosity, cSt @ 100°C	15	19	25	29	39	50	
Viscosity, SUS @ 100°F	700	1050	1700	2200	3300	5000	
Viscosity, SUS @ 210°F	75	94	120	138	180	235	
Viscosity Index	99.7	96.8	90.6	89.5	94.8	95.2	
Flash Point, °C (COC)	> 240	> 240	> 240	> 240	> 240	> 240	
Flash Point, °F (COC)	> 464	> 464	> 464	> 464	> 464	> 464	
Pour Point, °C/°F	-30/-22	-30/-22	-30/-22	-24/-11	-24/-11	-24/-11	
Specific Gravity, g/ml	0.84	0.84	0.84	0.84	0.84	0.84	
Density, lbs./US Gal	7.01	7.01	7.01	7.01	7.01	7.01	

These are typical figures and do not constitute a specification.

Handling and Safety Information

For information on the safe handling and use of this product, refer to the **Material Safety Data Sheet (MSDS)**, obtainable from www.commonwealthoil.com