

ELBAPLEX ECS GREASE

ElbaPlex ECS grease is a 100% synthetic calcium sulfonate thickened lubricating grease created specifically for the food and beverage industries. Its special additive system provides superior water spray off and water wash off properties. It offers excellent anti-wear properties extreme pressure properties, oxidation resistance, and protection from rust and corrosion. The synthetic base stock gives ElbaPlex ECS exceptional low temperature properties and thermal stability over a wide temperature range.

ElbaPlex ECS is specially designed for bearings which operate in a wet ambience. It is also specially designed for spindles, cams, joint and turbines. Extremely suitable for the lubrication of spindles in CNC machines ElbaFlex ECS greases is recommended for their performance combination with metal working emulsions.

Physical Properties		
PRODUCT	ECS-1	ECS-2
NLGI Grade	1	2
Color	Beige	Beige
Texture	Smooth	Smooth
Base Oil	Synthetic	Synthetic
Base Oil Properties	Hydrocarbon	Hydrocarbon
Viscosity @ 40°C cSt	220	220
Viscosity @ 100°C cSt	25.53	25.53
Viscosity Index	147	147
Thickener Type	Calcium Sulfona	Calcium Sulfonate
Drop Point, °F	600 +	600 +
Penetration		
Worked 60 dbl strokes	310-340	265-295
Roll Stability, Change	< 3.0%	< 3.0%
Oil Separation	< 0.5%	< 0.5%
4-Ball Wear	0.50 mm	0.50 mm
4-Ball Load EP Weld Pt	400 kg	420 kg
Corrosion Preventative		
Properties ASTM D 1743	Pass	Pass
Water Washout, % Loss	< 2	< 1

Shelf Life: Product shelf life is 3 years from the date of manufacture, after which the product should be recertified prior to use.

For Technical, Quality or Product Safety Questions Please Contact:

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