

SUPERCHEM 861

Anti-Seize Lubricant



Product Description

SUPERCHEM 861 is a non-carbonizing Anti-Seize lubricant which withstands high temperatures and extreme pressures. Blended of ultrafine inorganic particles and a synthetic oil base, 861 prevents galling of threaded parts and mating surfaces during assembly/disassembly up to 1200°C (2200°F).

SUPERCHEM 861 also acts as an anodic protective treatment which helps to avoid corrosion between surfaces.

Features

- Color: Silver grey
- Density KG/L: 1.2
- Dropping Point (°C): >316
- Copper Corrosion: Pass
- Weld Load (PD. KG): ≥400
- Partical Size: <25µm

SUPERCHEM 862

Chain Drive Pin & Bushing Lube, High Penetration



Product Description

SUPERCHEM 862 is a high performance light lubricant, specially design to penetrate between the chain drive bushings and pins. By generating a long last non-drying oil film between metal surfaces, 862 could effectively reduce wearing and provide stable running.

Features

- Color: Clear Brown
- Viscosity SSU@40°C (mm²/s): 22
- Copper Corrosion (100°C, 3h) (Grade): 1
- Pin & Vee Block Failure Load. Max. Torque (PB, KG): 66
- Wear Test (1800r/min, 54°C, 196N, 60min) (mm): 0.32
- Flash Point (°C): 188
- Pour Point (°C): -50
- Weld Load (PD. KG): 250

SUPERCHEM 863

Penetration Fluid



Product Description

SUPERCHEM 863 is an excellent loosen oil which could fast penetrate into frozen bolts, nuts and fitting, without hurts your equipment. SuperChem 863 is formulated to focus on rapidly penetration. Without any acids or other corrosion chemicals, 863 could speedy clean rust meanwhile protect the equipment.

Features

- Color: Blue
- Viscosity SSU@40°C (mm²/s): 3.0-4.0
- Flash Point (°C): ≥80
- Pour Point (°C): ≤-50

SUPERCHEM 773C Surface Lubricant, Resistance to water washout**Product Description**

SUPERCHEM 773C has an excellent viscosity which offers it stick to equipment surface and prevents water washout. By generating an oil film, 773C could provide an extra anti-corrosion protect on metal surface. 773C is specially for open gears, wire rope.

Features

- Color: Brown
- Density KG/L: 0.89
- Weld Load (PD. KG): 620
- Flash Point (°C): 238
- Copper Corrosion (100°C, 3h) (Grade): 1
- Viscosity SSU@40°C (mm²/s): 8000 ~ 9000cSt
- Wear Test (1800r/min, 54°C, 196N, 60min) (mm): 0.4
- Pin & Vee Block Failure Load. Max. Torque (PB, KG): 100

SUPERCHEM 773H Sliding Paste, Heavy Duty**Product Description**

SUPERCHEM 773H is an excellent performance pressure grease, synthetic based. With outstanding pressure capabilities and high permeability, 773H could handle extremely pressure and high temperature application.

Features

- Color: Dark grey paste
- Density KG/L: 1.3
- NLGI Grade: 0
- Partical Size: <5µm
- Copper Corrosion (T2, 100°C, 24h) (Grade): 1
- Coefficient of Friction (75°C): 0.08
- Suggest Max.Temp.(°C): 538
- Weld Load (PD. KG): ≥800
- Viscosity SSU@40°C (mm²/s): 1050cSt

SUPERCHEM 290D Full-Synthetic High Temp. Chain Lube (Ffor Electrophoretic Coating)**Product Description**

SUPERCHEM 290D is special designed for electrophoretic coating. Free of organ polysiloxane, 290D could deal with waterborne electrophoretic coating. It is a idea choice for automobiles, electrophoretic coating plants.

Features

- Color: Almost Clear
- Desity (KG/L): 1.06 ~1.12
- Flash Point (°C): ≥290
- Copper Corrosion (100°C, 3h) (Grade): ≤2
- Viscosity (ISO): 320/460/680/1000
- Pin & Vee Block Failure Load. Max. Torque (PB, KG): ≥107
- Suggest Max.Temp. (°C): 220

SUPERCHEM 290G Full-Synthetic High Temp. Chain Lube**Product Description**

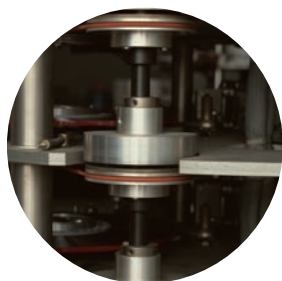
SUPERCHEM 290G is synthetic based, with outstanding stability under high temperature and extremely pressure. 290G is an idea choice for chains under high temerature. It is also a environment-friendly product, no lead, no barium, no chlorinated solvents or other harmful substances.

Features

- Color: Brown
- Desity (KG/L): 1.06 ~1.12
- Flash Point (°C): ≥296
- Copper Corrosion (100°C, 3h) (Grade): ≤2
- Viscosity (ISO): 320/460/680/1000
- Pin & Vee Block Failure Load. Max. Torque (PB, KG): 107
- Suggest Max.Temp. (°C): 220

SUPERCHEM 1AS

Full-Synthetic lube, All seasons

**Product Description**

SUPERCHEM 1AS is a multiple used synthetic Lube. With the 100% synthetic base oil, SuperChem 1AS has an outstanding performance either under high or low temperature. Decrease downtime and reduce changing lube times.

Features

SUPERCHEM 1AS	Color	Density (KG/L)	Viscosity (ISO)	Flash Point (°C)	Pour Point (°C)	Base Oil	Suggest Working Temp.(°C)
1AS 32	Brown	0.826	32	≥245	≤-50	PAO	-50 - 220
1AS 46	Brown	0.832	46	≥245	≤-48	PAO	-46 - 235
1AS 68	Brown	0.833	68	≥245	≤-46	PAO	-48 - 240
1AS 100	Brown	0.836	100	≥250	≤-44	PAO	-43 - 246
1AS 150	Brown	0.839	150	≥255	≤-40	PAO	-39 - 248
1AS 220	Brown	0.841	220	≥255	≤-38	PAO	-37 - 249
1AS 320	Brown	0.845	320	≥262	≤-36	PAO	-34 - 252
1AS 460	Brown	0.847	460	≥265	≤-30	PAO	-29 - 257
1AS 680	Brown	0.850	680	≥272	≤-25	PAO	-29 - 265

SUPERCHEM S-1AS

Synthetic Lube, Resistance to Abrasion

**Product Description**

SUPERCHEM S-1AS is a premium quality, outstanding pressure lubricant. Using high viscosity mineral oil and synthetic oil as base oil, S-1AS is an idea replacement for traditional parting lube.

Features

SUPERCHEM S-1AS	Color	Density (KG/L)	Viscosity (ISO)	Flash Point (°C)	Pour Point (°C)	Base Oil	Suggest Working Temp.(°C)
S-1AS 32	Brown	0.834	32	≥230	≤-24	PAO	-50 - 220
S-1AS 46	Brown	0.839	46	≥230	≤-24	PAO	-46 - 235
S-1AS 68	Brown	0.841	68	≥240	≤-24	PAO	-48 - 240
S-1AS 100	Brown	0.854	100	≥235	≤-23	PAO	-43 - 246
S-1AS 150	Brown	0.857	150	≥245	≤-23	PAO	-39 - 248
S-1AS 220	Brown	0.862	220	≥250	≤-21	PAO	-37 - 249
S-1AS 320	Brown	0.863	320	≥245	≤-21	PAO	-34 - 252
S-1AS 460	Brown	0.865	460	≥255	≤-18	PAO	-29 - 257
S-1AS 680	Brown	0.862	680	-	≤-15	PAO	-29 - 265

SUPERCHEM S-2AS

High Viscosity Synthetic Lube, All seasons

**Product Description**

SUPERCHEM S-2AS is a high-performance, corrosion inhibited lubricant, special designed for chains and gears. Works excellent under high or low temperature.

Features

SUPERCHEM S-2AS	Color	Density (KG/L)	Viscosity (ISO)	Flash Point (°C)	Pour Point (°C)	Base Oil	Suggest Working Temp.(°C)
S-2AS 32	Brown	-	32	≥235	≤-33	PAO	-50 - 220
S-2AS 46	Brown	0.833	46	≥235	≤-33	PAO	-46 - 235
S-2AS 68	Brown	0.834	68	≥240	≤-30	PAO	-48 - 240
S-2AS 100	Brown	0.843	100	≥245	≤-30	PAO	-43 - 246
S-2AS 150	Brown	-	150	≥250	≤-27	PAO	-39 - 248
S-2AS 220	Brown	0.848	220	≥250	≤-27	PAO	-37 - 249
S-2AS 320	Brown	0.852	320	≥256	≤-25	PAO	-34 - 252
S-2AS 460	Brown	0.857	460	≥260	≤-25	PAO	-29 - 257
S-2AS 680	Brown	0.857	680	≥265	≤-25	PAO	-29 - 265

SUPERCHEM 1611

Extreme Pressure Grease, Calcium sulfonate complex, Multi-purpose



Product Description

SUPERCHEM 1611 is a calcium sulfonate complex grease designed for high temperature bearing applications. It's outstanding stability and water washout resistance make it an ideal choice for applications in wet, hot and corrosive environments.

Features

- Color: Dark Red
- Dropping Point: >300°C (NLGI 1 ~ 4)
- Shear Stability: 10,000 times +2%; 100,000 times +3%
- Water Washout: 0 ~ 1%*
- Continue working Temp.: -20 ~ 200°C
- Copper Corrosion Test (GB/T 7326)(100°C 24h): Pass
- Pin & Vee Block Failure Load. Max. Torque (PB, KG): ≥88
- Weld Test (ASTM D2596): ≥500KG
- Wear Test (ASTM D2266): <0.5mm

* Lab results for individual production lots tested; some variability will occur

SUPERCHEM 1615

High Temp. Extreme Pressure Grease, Calcium sulfonate complex, Multi-purpose



Product Description

SUPERCHEM 1615 has excellent water washout resistance and outstanding pressure capabilities. Supercem 1615 is a high performance, corrosion inhibiting Calcium sulfonate grease suitable for centralised lubrication systems.

Features

- Color: Blue
- Dropping Point: >320°C (NLGI 1 ~ 4)
- Shear Stability: 10,000 times +2%; 100,000 times +3%
- Water Washout: 0 ~ 1%*
- Continue working Temp.: -20 ~ 230°C
- Copper Corrosion Test (GB/T 7326): Pass
- Pin & Vee Block Failure Load. Max. Torque (PB, KG): ≥94
- Weld Test (ASTM D2596): 620KG
- Wear Test (ASTM D2266): <0.5mm

* Lab results for individual production lots tested; some variability will occur



SUPERCHEM® | A Brand under AIGI Environmental Inc.

81 Suyuan Avenue, Jiangning District, Nanjing 211100, PR China

www.aigienviroental.com



AIGI ENVIRONMENTAL INC. inspected this product under experimental conditions. Users shall judge independently whether to use this product, and shall ensure correct storage, installation and application of this product. As such, our company assumes no responsibility with regard to any situation arising from inappropriate storage, installation and application. All products of our company were strictly examined under the relevant national or business standards. Users shall complete checking this product within 30 working days upon receipt of the same. If users discover any problem related to the quality of this product, they shall raise their concerns within the above-mentioned period. If users fail to raise their concerns upon expiration of the above-mentioned period, this shall be treated as full acceptance of the product. Our company guarantees the provision of products of premium quality. Should any dispute arise with regard to the quality of the products, the verification of a third-party authority shall then be required. If any defect in quality is spotted out during inspection upon delivery, our company undertakes to provide a new product of equivalent value. Our company reserves the right to change the manufacturing processes, the materials and sources of the materials without further notification. In addition, our company assumes no responsibility or liability for any unintentional typographical error or omission during printing, or any non-timely update of information. Thank you for your consideration.

S052-2023E2V1.0E