

Additive

Component

Product Catalogue

CO N T E N T S

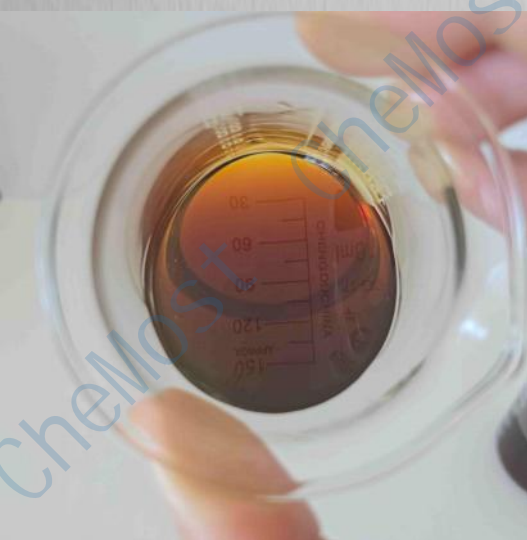
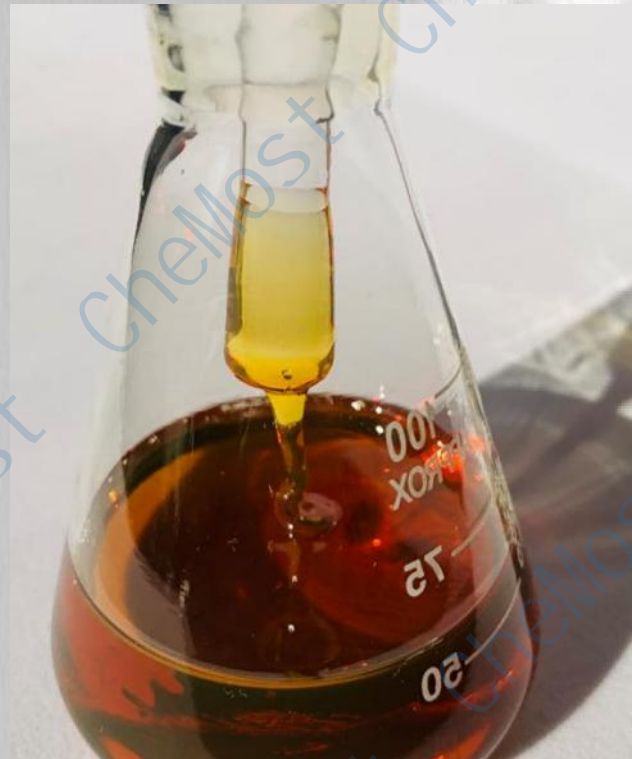
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Ashless Dispersants

- CheMost manufactures the dispersant polyisobutylene succinimide with the direct thermal addition process.

- **Custom-make**

- Viscosity
- Total base number
- Molecular weight(680–3000)
- Nitrogen content(1.0%–5.0%)
- Boride



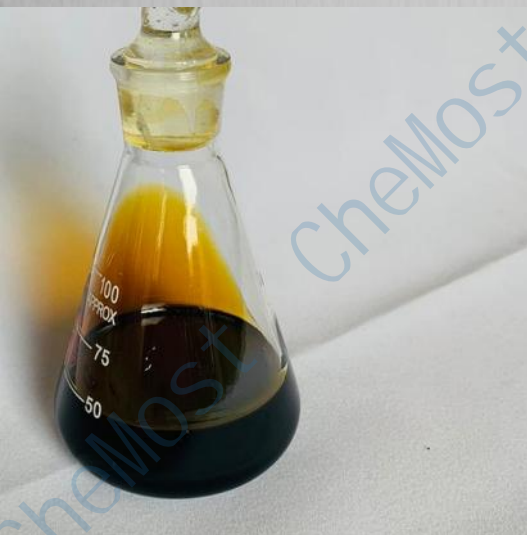
- Polyisobutylene mono-succinimide
- Polyisobutylene bis-succinimide
- Polyisobutylene poly-succinimide
- High molecular weight polyisobutylene succinimide
- Boronized polyisobutylene succinimide

Detergents & TBN Booster

- Detergents supply an "alkaline reserve," to neutralizing acidic oxide and keeping cleanliness.



- CheMost offers mainstream detergents types with TBN from 10 to 500.



- Calcium sulfonate
- Magnesium sulfonate
- Sulfurized calcium alkyl phenate
- Calcium alkyl salicylate

Antiwear Additives & ZDDP

- SC–primary zddp
- LC–primary zddp
- Secondary zddp
- Mix primary–secondary zddp
- ZDTC



- ZDDP is zinc dialkyl dithiophosphate, a multifunctional additive with excellent performance and low price.
- Exhibiting antioxidant, anti–corrosion, extreme pressure, and anti–wear properties.
- Chemost offers ZDDP with primary or secondary alkyl groups to meet the usage of engine oil, high–grade auto oil, hydraulic oil, etc.
- ZDTC is zinc dialkyl dithiocarbamate phosphorus–free.

Extreme Pressure Additives

- Extreme pressure additives can keep off metal surfaces from sintering, scratching, and abrasion.
- Chemost manufactures products with chlorine, sulfur, phosphorus, boron, molybdenum, and other types.
- Sulfur–nitrogen additive
- Phosphorus–nitrogen additive
- Sulfur–phosphorus–nitrogen additive



Sulfur additive:

- Sulfurized olefin
- Sulfurized isobutylene
- Sulfated triglyceride
- Sulfated fatty acid esters
- Sulfurized olefin cotton oil
- Dialkyl dithiocarbamate

Phosphorus additive:

- Dibutyl phosphite
- Acidic phosphoester amine salt
- Thiophosphonate amine salt
- Triphenyl–thiophosphate (TPPT)
- Borate nitrogen–containing
- Borinated fatty amine ester
- MoDTP
- MoDTC
- Nitrogen–molybdenum additive
- Super–high TBN calcium sulfonate



Viscosity Index Improvers

- Viscosity index improver, as VII, can improve the viscosity-temperature properties, and it is an important additive in the preparation of multi-grade lubricating oils.



- PIB with MW 680 950 1000 1300 2300 2400
- PMA polymethacrylate
- OCP olefin copolymer
- HSD hydrogenated styrene-diene copolymer
- EPM ethylene-propylene copolymer J0010 J0050



Pour Point Depressants

- Pour point depressant can reduce the pour point or freezing point of lubricating oil, improving its low-temperature performance, enabling the lubricating oil to maintain fluidity in extremely low temperature conditions.



- PMA polymethacrylate
- Fumaric acid ester-vinyl acetate copolymer

Antioxidants & Metal Deactivators

- Antioxidants can inhibit the oxidative deterioration of lubricating oil, thereby extending its service life.
- Antioxidants are used in various combinations to achieve optimal antioxidant effects.
- CheMost offers a variety of antioxidants to achieve this goal.



- **Free radical terminator**

- Butylated hydroxytoluene (BHT)
- 2,6-Di-tert-butylphenols(Liquid)
- N-Phenyl-1-naphthylamine(PANA)
- Alkylated diphenylamine(ADPA)
- Octadecyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate



- **Peroxide decomposition agent**

- Zinc dialkyl dithiophosphate(ZDDP)
- Molybdenum dialkyldithiocarbamate(MoDTC)
- Dialkyl dithiocarbamate
- Antimony dialkyl dithiocarbamate



- **Metal deactivators**

- Benztriazole and derivatives(BTZ)
- Thiadiazole and derivatives

Anti-rust additives

- *Metals can corrode, and anti-rust additives form a protective film on the metal surface to prevent the metal from being corroded by oxygen or water.*
- *CheMist offers a variety of anti-rust additives, in liquid and solid forms.*
- ***Sulfonates***
 - Barium sulfonate
 - Sodium sulfonate
 - Calcium sulfonate
- ***Dinonyl naphthalene sulfonate***
 - Barium dinonyl naphthalenesulfonate
 - Calcium dinonyl naphthalenesulfonate
 - Zinc dinonyl naphthalenesulfonate
- ***Carboxylic acid***
 - Dodecanyl succinic acid
 - Dodecanyl succinate half-ester
- ***Carboxylate***
 - Zinc naphthenate
 - Lanolin magnesium soap
- ***Benzotriazole***
- ***N-Oleoylsarcosine Octadecylamine Salt***
- ***Barium petroleum ester soap***



Emulsifier & Demulsify Additive

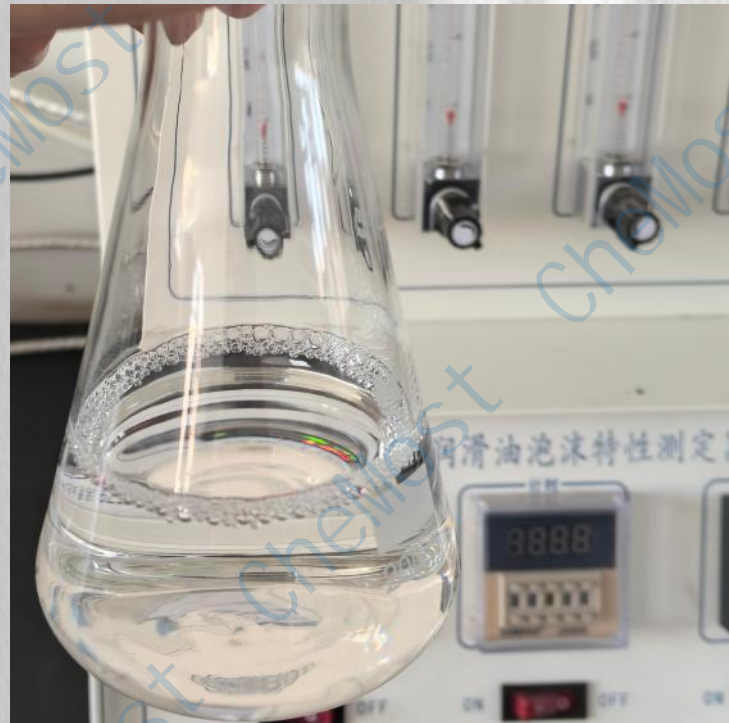
- Emulsifiers help facilitate a thorough and stable mixture of oil and water.
- *Polyisobutylene succinate anhydride(PIBSA)*



- Demulsifier alters the surface tension, accelerates the separation of oil and water, and extends the service life of the lubricating oil.
- *Mixture, Amines and propylene oxide compounds*
- *Mixture, Polyether polymer compounds*

Foam Inhibitors

- Silicone oil antifoaming additive
- Non-silicone oil antifoaming additive
- Compound defoamer



CheMost

CONTACT US

CheMost Additives CO.,LTD

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<https://www.chemost.com/>

E-MAIL: sales@chemost.com

*ADDRESS: CheMost Additives CO.,LTD,
Jinzhou city, Liaoning province, China*