

Technical Data Sheet

AOS 5210

General Purpose
Corrosion Inhibitor,
emulsifiable
excellent salt spray
protection

Description:

一般用途：缓蚀剂，乳化，优良的盐雾保护
AOS 5210 is a very effective corrosion inhibitor to be used in oil or as emulsion, and gives outstanding protection against salt spray and humidity.
描述：AOS5210 是一种用于油的特效缓蚀剂也可用于乳化，提供优异的抗盐雾和潮湿防护。

Characteristics:

Appearance 外观	Viscous, Liquid 粘性，液体
Colour 颜色	Brown 棕色
Density at 15.6 °C, (ASTM D-1298)	0.98 - 1.02
Acid No., (ASTM D-974)	14 - 19
Saponification No. (ASTM D-94)	20 - 45

Recommendation:

Emulsion Base: 乳化基础液

AOS 5210	20 - 30 %
Coupling Agent (1) 偶联剂	5 %
Oil (ISO VG 22 or 46)	balance

Emulsion: 乳化剂

乳化基础液:	10 - 30 %
水	balance

(1) Ethylene or Di-ethylene glycol monobutyl ether 乙二醇单丁醚或二乙二醇单丁醚

Blending Procedure:

For blending, heat AOS 5210 to 70°C and add it to oil at same temperature under stirring. Solutions prepared at lower temperature may show separation after a certain period of time. Add coupling agent at room temperature (volatility).

混合步骤：1. 加热 AOS 5210 到 70 摄氏度，同时加热基础油到 70 摄氏度，在搅拌条件下将 AOS 5210 加入到 70 摄氏度的基础油中。假如低温配制溶液会在一段时间后产生分层。
2. 冷却到室温后，在搅拌状态下加入偶联剂。

Performance Data:

Solutions containing 15 - 20 % AOS 5210 will meet MIL-L-3150C (Medium Preservative Lubricant).
溶剂含 15-20%AOS5210 满足 MIL-L-3150C (中等防腐润滑剂) 的指标。

AOS 5210 in oil (ISO VG 46)%	Salt Spray hours pass	Humidity Cabinet days pass (2)
10	30	60+
20	70	60+

Emulsion Base (3) in water %	Salt Spray hours pass (2)	Humidity Cabinet days pass (2)
10	46	55
30	130	60+

(2) sandblasted panels 喷砂板

(3) 30 % AOS 5210, 5 % coupling agent, 65 % oil (ISO VG 46)

- Application:
- General purpose corrosion inhibitor, emulsion based
一般用途乳化基的缓蚀剂
 - slushing oils, preservative lubricants
冲刷油， 润滑防锈剂
 - rust preventive for mineral and soluble metalworking oils
用于矿物油和可溶性金属加工油的防腐剂
 - for MIL-L-3150 (Medium Preservative Lubricant)
MIL-L-3150 中等防腐润滑剂

All technical information is for guidance only and we believe that all data is given in good faith but without guarantee.

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