

BONDERITE S-AD 1246 ACHESON

SOLID LUBRICANT ADDITIVE

(KNOWN AS SLA 1246)

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Description:

BONDERITE S-AD 1246 ACHESON (known as SLA 1246) is an extremely stable suspension of uniform, microscopic molybdenum disulfide particles in highly refined petroleum oil. It is designed for use in formulating single grade and wide range multi-graded API SD-SF or CC-CD engine oils.

BONDERITE S-AD 1246 ACHESON (known as SLA 1246) substantially reduced friction and improves the extreme pressure and anti-wear capabilities of the oil. It prevents metal-to-metal contact and surface scuffing, and provides reliable lubrication in boundary conditions.

Advantages offered by BONDERITE S-AD 1246 ACHESON (known as SLA 1246), when added to engine oils, include:

- Greater fuel economy
- Reduced engine wear
- Better engine performance through reduced friction
- Protection during intermittent, extreme operating conditions
- Improvement on cold starts
- Maintenance of engine cleanliness

Physical Properties: (as supplied)

Lubricating solid	:	molybdenum disulfide
Carrier	:	petroleum oil
Viscosity	:	255-313 cSt at 100°F (37.8°C) typical
Solids content	:	15%
Density	:	8.3 lb/gal (.995 kg/l)
Specific gravity	:	1.00 at 60°F (15.6°C)
Flash point	:	385°F (196°C)
Color	:	gray-green
Shelf life	:	24 months from date of qualification under original seal

Method of Use:

Dilution

BONDERITE S-AD 1246 ACHESON (known as SLA 1246) can be blended with most commercially available oils or greases. The services of Henkel Corporation laboratories are available to advise and/or evaluate the compatibility of BONDERITE S-AD 1246 ACHESON (known as SLA 1246) with proposed diluents, oils and additive combinations. BONDERITE S-AD 1246 ACHESON (known as SLA 1246) is completely compatible with most oil additive treatments.

In blending operations involving large quantities, the oil should be heated to about 122°-131°F (50°-55°C) since blending is more efficient when oil viscosities are reduced. Stir the BONDERITE S-AD 1246 ACHESON (known as SLA 1246) thoroughly to achieve a uniform consistency, then premix equal parts of the product and the oil diluent before blending with the balance of the oil. Maintain continuous agitation by mechanical stirring or dry air blowing throughout the blending operation.

Application



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For best results, use BONDERITE S-AD 1246 ACHESON (known as SLA 1246) at 1% solids by weight in the finished oil, or use approximately 6.7% product by weight of BONDERITE S-AD 1246 ACHESON (known as SLA 1246).

Companion Product:

BONDERITE S-AD 1275 ACHESON (known as SLA 1275), a graphite engine oil additive, is recommended when the use of graphite is preferred over molybdenum disulfide. The same particle fineness and excellent stability is available in SLA 1275 as in BONDERITE S-AD 1246 ACHESON (known as SLA 1246).

Precautions:

Keep container closed when not in use to avoid contamination. (Refer to Henkel Material Safety Data Sheet for current safety and first aid procedures.)

Container Sizes:

5 gallon (18.9 liter), 40 lb (18.1 kg)
55 gallon (208.7 liter), 460 lb (208.9 kg)
Bulk, 8.3 lb/gal

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