UNPCHEMICALS

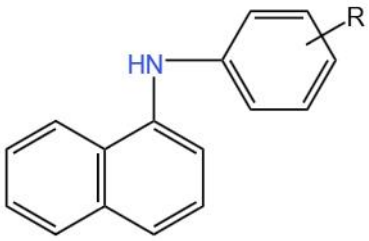
ANTIOXIDANTS

OSAIL® SERIES

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OSAIL*® *APAN is a high-performance liquid phenyl-α-naphthylamine antioxidant, offering excellent cost-effectiveness. It demonstrates optimal anti-oxidative performance across a broad temperature range. Additionally, it effectively controls the formation of sludge, extending maintenance intervals and the lifespan of lubricants. It is especially suitable for applications with light colors and long lifespans, such as turbine oils, compressor oils, and hydraulic oils, etc.

CHEMICAL COMPOSITION



Liquid phenyl α-naphthylamine

TYPICAL PROPERTIES

Test Item	Typical Data	Method
Appearance	Amber liquid	Visual inspection
Density at 20℃, g/cm^3	1.0	GB/T 1884
Viscosity at 100℃, mm^2/s	23.0	GB/T 265
Nitrogen content, %	3.7	NB/SH/T 0656

Note: The above analytical data are not specifications.

PERFORMANCE CHARACTERISTICS

- Light-colored liquid antioxidant with excellent compatibility
- Wide applicable temperature range (room temperature to 325°C), suitable for various application scenarios
- Low sludge formation, effectively reducing deposits, which helps to extend maintenance intervals and lubricant lifespan

APPLICATION

- Hydraulic oil
- Gear oil
- Grease
- Transmission oil
- Compressor oil
- Engine oil

USAGE METHOD

- Added to the formulation directly and compatibility needs to be tested before adding
- Recommended treat level: 0.05-1.0%

RELATIVE PRODUCTS

- NAUGALUBE APAN

PACKAGING AND STORAGE

Packaging	50kg plastic drum / 200kg steel barrel (Net weight)
Storage conditions	Store in a cool, dry, well-ventilated warehouse

HANDLING INFORMATION

Avoid contact with skin, eyes and clothing. Operate in accordance with good industrial health and safety practices. Please refer to material safety data sheet (MSDS) for additional handling information on *OSAIL®APAN*.

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