



# Material Safety Data Sheet

NOCOLUBE AW SERIES

**(AW22, AW32, AW46, AW68,  
AW100, AW150, AW220, AW320)**

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## Material Identification and Use

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Manufacturer's [NOCO](#)

Name [Energy](#)  
[Corp.](#)

Manufacturer's 2440

Address Sheridan Dr.,  
Tonawanda,  
NY 14150 (U.  
S. and  
Canada)

Emergency 1-800-424-

Phone 9300

Number (Chemtrec)

Supplier's P.O. Box 86,  
Address Tonawanda,  
NY 14151

Supplier	1-800-500-
Emergency	6626
Phone	
Number	
Product Name	NOCOLUBE AW Series
Product Code	NOC1656 AW22 NOC1657 AW32 NOC1658 AW46 NOC1659 AW68 NOC2778 AW100 NOC2080 AW150 NOC2779 AW220 NOC2780 AW320
Chemical	Petroleum
Name and	Hydrocarbon
Synonym	plus Additives

Product Use	<p>Premium AW oils are designed for use as heavy duty hydraulic power transmission fluids and for lubrication where good antiwear and anti-oxidation properties are required.</p> <p>They would typically be used in high-pressure hydraulic systems, machine tools, presses, compressors, pumps, gear sets, and centralized bearing lubrication systems.</p>
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 Chemical Ingredients
 

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Product	CAS	%
Components	Number	(Volume)
Severely Hydrotreated Heavy Paraffinic Distillate	64742- 54-7	55 - 99
Solvent Dewaxed Residual Oil	64742- 62-7	0 - 45
Additives	Mixture	0.5 - 1.5
WHMIS Classification	Not Controlled	

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 Physical Properties
 

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Form	Liquid
Appearance	Liquid
Odor	Bland
Color	Brown
Specific Gravity (water=1)	.8855 - .8740

Boiling Point	> 330°C (625°F)
Melting Point	< -9°C (15°F)
Solubility in Water (by weight %)	0 at 20°C
Evaporation Rate	Not Determined
Vapor Pressure (mm Hg at 20° C)	0
Vapor Density (air = 1)	Not Volatile
pH (as is)	Not Applicable
Stability	Product is stable under normal conditions
Viscosity SUS at 100°F	Greater than or Equal to 100

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#### Fire and Explosion Hazards

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Conditions of Flammability	Addition of water or foam may cause frothing. Do not cut, drill or weld empty containers.
Extinguishing Media	Foam, Water Fog, Dry Chemical, Carbon Dioxide. Closed containers exposed to fire may be cooled with water.
Flashpoint and Method of Determination	410°F (210° C) , COC
Flammable Limits in Air % B. V. Upper	Not Determined
Flammable Limits in Air % B. V. Lower	Not Determined

NFPA -	Health:0
Hazard Class	Fire:1
	Reactivity:0
Hazardous	From
Combustion	Burning;
Products	carbon monoxide, carbon dioxide and oxides of phosphorous.
Unusual Fire	Do not cut,
an Explosion	weld, braze,
Hazard	solder, drill, grind or expose containers, drums, tanks, etc. of product to heat, flame, sparks, static electricity or other sources of ignition; they may ignite explosively.

Special Fire Fighting Procedures	Wear self contained breathing apparatus when fire fighting in a confined space. Do not use water except as fog.
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Reactivity Data

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Chemical Stability	Stable
Incompatible Materials	Keep away from strong oxidizing agents, such as, hydrogen peroxide, Bromine, chlorine and chromic acid.



Hazardous Decomposition	Carbon monoxide and carbon dioxide from burning.
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Hazardous Polymerization	Material is not known to polymerize.
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### Health Hazard Information

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#### Routes of Entry

Skin Contact	Prolonged or repeated contact with skin may cause mild irritation and possibly dermatitis.
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Eye	Mildly irritating to eyes.
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Inhalation	If heated, sprayed or misted, may cause chemical pneumontis.
Ingestion	Low toxicity on ingestion. Has laxative effect.
Carcinogenicity	Not listed as a carcinogenic.
Health Hazard Data	Permissible Concentrations (air): See COMMENTS section Chronic effects of overexposure: no data available Acute toxicological properties: no data available

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#### Emergency and First Aid

## Procedures

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Eyes	In case of contact, flush eyes with large amounts of water for at least 15 minutes. Get medical attention.
Skin	Remove excess with cloth or paper. Wash skin thoroughly with soap and water or waterless hand cleaner. If irritation occurs, get medical attention.
Inhalation	If breathing is difficult, remove victim to fresh air, give artificial respiration if not breathing. Call a physician.

Ingestion Do not ingest. If  
ingested, do not  
induce vomiting.  
Contact a  
physician  
immediately.

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Special Protection / Preventative  
Measures Information

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Ventilation Use explosion  
Requirements proof

ventilation as  
required to  
control vapor  
concentration.

See  
COMMENTS  
section.

Respiratory If vapor  
Protection concentration  
exceeds  
permissible  
exposure use  
NIOSH /  
MSHA  
certified  
respirator with  
dual organic

	vapor, mist and particulates cartridge.
Eye Protection	Safety glasses with side shields or goggles. (Chemical safety goggles)
Protective Gloves	Neoprene Type
Personal Hygiene	Wear effective plant clothing. Contaminated clothing should be removed and washed in soap and water. Cleanse skin thoroughly before meals with soap and water. Shower and eyewash facilities should be

accessible.

Protective      None  
Equipment

Note              N/A

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Environmental Procedures

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Spills or    If material is spilled  
Releases or released to the  
             atmosphere, steps  
             should be taken to  
             prevent discharges  
             to streams or  
             sewer systems.  
             Transfer bulk of  
             mixture into  
             another container.  
             Absorb residue  
             with inert material  
             such as earth,  
             sand, or  
             vermiculate.  
             Sweep up and  
             dispose as solid  
             waste in  
             accordance with  
             local, state, and

federal regulations.

Spills or releases should be reported, if required to the appropriate local, state and federal regulatory agencies.

Disposal Clean up action should be carefully planned and executed.

Shipment, storage and/or disposal of waste materials are regulated and action to handle or dispose of spilled or released materials must meet all state, local, and federal rules.

Storage Protect against physical damage. Separate from oxidizing materials. Store in cool well ventilated area of non-combustible construction away from possible sources of ignition. Do not handle or store at temperatures over (maximum storage temperature) 60°C (140°F)

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#### Regulatory Information

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Dept. of Transportation	DOT Shipping Name: NONE
	Hazard Class: NONE
	ID Number: NONE
	Special Transportation Notes - NONE



TSCA	<p>All Components are Listed on EPA/TSCA Inventory.</p>
CERCLA	<p>This product is classified as an oil under section 311. Spills into or leading to surface water that cause sheen must be reported to the National Response Center at 1-800-424-8802.</p>
RCRA	<p>If this product becomes a waste it would not be a hazardous waste by RCRA - 40 CFR 261. Place in an appropriate</p>

disposal facility  
in compliance  
with local  
authorities.

SARA Title III Not Applicable  
- Section 302

Section Not Applicable  
311/312

Section 313 This product  
does not  
contain any  
chemical in  
sufficient  
quantity to be  
subject to the  
reporting  
requirements  
of Section 313  
of Title III of  
the Superfund  
Amendments  
and  
Reauthorization  
Act of 1986  
and 40 CFR  
Part 372.

Reportable Quantity	1.5% (wt) zinc compound or 0.15% (wt) zinc in compound form
Freight Classification	Petroleum Lubricating Oil

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Comments

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If used in applications where a mist may be generated, observe a TWA/PEL of 5 mg/m<sup>3</sup> for mineral oil mist (OSHA and ACGIH).

All components of this product are on the US TSCA Inventory and Canadian Domestic Substance List.

The additive manufacturers have declared the additive mixtures in this product a trade secret.

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Preparation Date of Material Safety  
Data Sheet

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Preparer

Date Prepared 06/29/2000

Revised Date 04/11/2013

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