



# WD-40 SPECIALIST<sup>®</sup> HEAVY-DUTY GREASE

TECHNICAL DATA SHEET

## PRODUCT DESCRIPTION

WD-40 Specialist Heavy-Duty Grease is the only grease you'll ever need. Engineered for high-speed and heavy-duty applications, this grease is reliable at temperatures of its Drop Point of >650°F. It provides marine-grade water resistance and protection against rust and corrosion. Heavy-Duty Grease is an excellent choice for maintenance of and for lubricating machinery in damp conditions. Formulated with calcium sulfonate (OBCS) technology, it is interchangeable with other WD-40 Specialist greases without compromising performance through cross-contamination.

## PACKAGING



## APPLICATIONS

Solution of choice for:

- All Conditions
- Heavy-duty Automotive
- Farming Equipment
- Construction Equipment
- Industrial Equipment
- Marine Equipment

## FEATURES & BENEFITS

- Calcium Sulfonate Grease
- Versatile Solution for Extreme Conditions
- Extreme Pressure
- High Temperature
- Water-Resistant
- True-Multipurpose Grease
- >650°F Drop Point
- NLGI No: Grade 2

## PHYSICAL & CHEMICAL PROPERTIES

<b>APPEARANCE:</b>	Blue colored grease	<b>FLAMMABLE LIMITS:</b>	Not established
<b>ODOR:</b>	Pleasant odor	<b>VAPOR PRESSURE:</b>	Not established
<b>ODOR THRESHOLD:</b>	Not established	<b>VAPOR DENSITY:</b>	Not established
<b>pH:</b>	Not Applicable	<b>RELATIVE DENSITY:</b>	0.9 g/cm <sup>3</sup>
<b>MELTING/FREEZING POINT:</b>	Not established	<b>SOLUBILITIES:</b>	Insoluble in water
<b>BOILING POINT/RANGE:</b>	>316°C (>600°F)	<b>PARTITION COEFFICIENT; N-OCTANOL/WATER:</b>	Not established
<b>FLASH POINT:</b>	>180°C (>356°F)	<b>AUTOIGNITION TEMPERATURE:</b>	Not established
<b>EVAPORATION RATE:</b>	Not established	<b>DECOMPOSITION TEMPERATURE:</b>	Not established
<b>FLAMMABILITY (SOLID, GAS):</b>	Not applicable	<b>VISCOSITY:</b>	>21 cSt (>0.21 mm <sup>2</sup> /s) @ 40°C (104°F)
<b>VOC:</b>	Not established	<b>POUR POINT:</b>	Not Determined

## PERFORMANCE RESULTS

	Method	Heavy-Duty Grease
<b>COLOR</b>		Blue
<b>TEXTURE</b>		Smooth
<b>THICKNER TYPE</b>		Calcium Sulfonate
<b>NLGI GRADE</b>	ASTM D 217	2
<b>DROPPING POINT</b>	ASTM D 2265	>650°F
<b>FOUR BALL WEAR (MM)</b>	ASTM D 2266	0.48
<b>BEARING CORROSION IN 5% SSW</b>	ASTM D 5969	Pass
<b>BEARING CORROSION IN 10% SSW</b>	ASTM D 5969	Pass
<b>BEARING CORROSION IN 1% NaCl</b>	ASTM D 5969	Pass



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## PACKAGING SPECIFICATIONS

ORDER#	CASE# / GTIN#	ITEM# / UPC#	DESCRIPTION	INDIVIDUAL UNIT				CASE PACK				PALLET									
				APPROX WT (LBS)	DIMENSIONS (IN)			CUBE	CASE PACK	APPROX WT (LBS)	DIMENSIONS (IN)			CUBE	APPROX WT (LBS)	CASES/LAYER	LAYERS	TOTAL QTY	APPROX HT (IN)	CUBE	
300424	100 79567 30042 4	0 79567 30042 7	14oz Heavy-Duty Grease	0.97	2.1875	2.1875	9.3125	0.026	10	10	10	4.5	11.125	9.5625	0.277	1542	30	5	150	52.81	58.68

## HANDLING AND STORAGE

Precautions for Safe Handling: Avoid contact with eyes and skin. Avoid breathing oil mists. Use with adequate ventilation. Keep away from heat, hot surfaces and open flames. Wash thoroughly with soap and water after handling. Keep containers closed when not in use. Keep out of the reach of children. Conditions for Safe Storage: Store in a cool, well-ventilated area, away from incompatible materials. NFPA Class IIIB Liquid.

## DISPOSAL

If this product becomes a waste, it would not be expected to meet the criteria of a RCRA of a hazardous waste. However, it is the responsibility of the generator to determine at the time of disposal the proper classification and method of disposal. Dispose in accordance with federal, state, and local regulations.

## SPECIAL USE WARNINGS

The Following Controls are recommended for Normal Consumer Use of this Product

Engineering Controls: Use in a well-ventilated area.

Personal Protection:

Eye Protection: Avoid eye contact. Skin Protection: Avoid prolonged skin contact. Wash hands with soap and water after use. Respiratory Protection: None needed for normal use with adequate ventilation.

For Bulk Processing or Workplace Use the Following Controls are recommended

Engineering Controls: Use adequate general and local exhaust ventilation to maintain exposure levels below that occupational exposure limits.

Personal Protection:

Eye Protection: Safety goggles recommended where eye contact is possible. Skin Protection: Wear chemical resistant gloves. Respiratory Protection: None required if ventilation is adequate. If the occupational exposure limits are exceeded, wear a NIOSH approved respirator. Respirator selection and use should be based on contaminant type, form and concentration. Follow OSHA 1910.134, ANSI Z88.2 and good Industrial Hygiene practice.

Work/Hygiene Practices: Wash with soap and water after handling.

## REGULATORY INFORMATION

U.S. Federal Regulations:

CERCLA 103 Reportable Quantity: This product has an RQ of 20,000 lbs based on the RQ for Calcium Dodecylbenzenesulfonate of 1000 lbs. In addition, oil spills are reportable to the National Response Center under the Clean Water Act and many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

SARA TITLE III: Hazard Category for Section 311/312: Acute Health

Section 313 Toxic Chemicals: This product contains the following chemicals subject to SARA Title III Section 313 Reporting requirements: None

Section 302 Extremely Hazardous Substances (TPQ): None

EPA Toxic Substances Control Act (TSCA) Status: All of the components of this product are listed on the TSCA inventory. California Safe Drinking Water and Toxic Enforcement Act (Proposition 65): This product does not contain chemicals regulated under California Proposition 65.

VOC Regulations: This product complies with the consumer product VOC limits of CARB, the US EPA and states adopting the OTC VOC rules.

