

# Contact Sheet



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## SAFETY DATA SHEET QUALUBE HYDRAULIC HM32

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name                   QUALUBE HYDRAULIC HM32  
Product number                HM32

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses                Hydraulic oil.

#### 1.3. Details of the supplier of the safety data sheet

Supplier                        WITHAM OIL AND PAINT LTD  
                                      OUTER CIRCLE ROAD  
                                      LINCOLN  
                                      LN2 4HL  
                                      01522 521192  
                                      01522 537030  
                                      01522 560228  
                                      enquires@withamgroup.co.uk

Manufacturer                 WITHAM OIL AND PAINT LTD  
                                      OUTER CIRCLE ROAD  
                                      LINCOLN  
                                      LN2 4HL  
                                      01522 521192  
                                      01522 537030  
                                      01522 560228  
                                      enquires@withamgroup.co.uk

#### 1.4. Emergency telephone number

Emergency telephone       (01522) 521192 Monday to Thursday 8.00am to 5.00pm, Friday 8.00am to 4.30pm.

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification

Physical hazards             Not Classified  
Health hazards              Not Classified  
Environmental hazards      Not Classified

Classification (67/548/EEC or -  
1999/45/EC)

#### 2.2. Label elements

Hazard statements           NC Not Classified

#### 2.3. Other hazards

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No significant hazards. Material does not meet the criteria for PBT or vPvB in accordance with REACH annex XIII.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

<b>LUBRICATING OILS;BASEOIL - UNSPECIFIED</b>	<b>30-60%</b>
CAS number: 74869-22-0	EC number: 278-012-2

**Classification**  
Not Classified

<b>DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC; BASEOIL</b>	<b>30-60%</b>
CAS number: 64742-65-0	EC number: 265-169-7

**Classification**  
Not Classified

<b>Zinc Dialkyl Dithiophosphate</b>	<b>&lt;1%</b>
CAS number: 68649-42-3	EC number: 272-028-3

**Classification**  
Eye Dam. 1 - H318  
Aquatic Chronic 2 - H411

<b>NON CLASSIFIED COMPONENT</b>	<b>&lt;1%</b>
CAS number: —	

<b>Classification</b> Not Classified	<b>Classification (67/548/EEC or 1999/45/EC)</b> -
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<b>Mineral oil</b>	<b>&lt;1%</b>
CAS number: —	

<b>Classification</b> Asp. Tox. 1 - H304	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xn; R65
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<b>Alkyl phenol</b>	<b>&lt;1%</b>
CAS number: —	
M factor (Chronic) = 1	

**Classification**  
Skin Irrit. 2 - H315  
Aquatic Chronic 1 - H410

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<b>CALCIUM LONG-CHAIN ALKYL PHENATE SULFIDE</b>		<b>&lt;1%</b>
CAS number: 90480-91-4		EC number: 291-829-9
<b>Classification</b> Aquatic Chronic 4 - H413		
<b>POLY(OXYALKYLENE) ALKYL ETHER</b>		<b>&lt;1%</b>
CAS number: 68439-51-0		
<b>Classification</b> Acute Tox. 4 - H302 Acute Tox. 4 - H312 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319		
<b>CALCIUM ALKARYL SULFONATE</b>		<b>&lt;1%</b>
CAS number: 71486-79-8		
<b>Classification</b> Skin Irrit. 2 - H315 Eye Irrit. 2 - H319		<b>Classification (67/548/EEC or 1999/45/EC)</b> Xi; R36/38
<b>Alkaryl amine</b>		<b>&lt;1%</b>
CAS number: —		
<b>Classification</b> Aquatic Chronic 4 - H413		
<b>Phenol, 4-Dodecyl</b>		<b>&lt;1%</b>
CAS number: 104-43-8		EC number: 203-202-9
M factor (Chronic) = 10		
<b>Classification</b> Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Repr. 2 - H361f Aquatic Chronic 1 - H410		<b>Classification (67/548/EEC or 1999/45/EC)</b> Xi; R36/38. Repr. Cat. 3 R62. N; R50/53

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

**Composition comments** The data shown are in accordance with the latest EC Directives.

#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

<b>General information</b>	Remove affected person from source of contamination.
<b>Inhalation</b>	Remove affected person from source of contamination. For those providing assistance, avoid exposure to yourself or others. Use adequate respiratory protection. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. If breathing stops, provide artificial respiration.

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<b>Ingestion</b>	Get medical attention. Do not induce vomiting.
<b>Skin contact</b>	Wash skin thoroughly with soap and water. If product is injected into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, the individual should be evaluated immediately by a physician as a surgical emergency. Even though initial symptoms from high pressure injection may be minimal or absent, early surgical treatment within the first few hours may significantly reduce the ultimate extent of injury.
<b>Eye contact</b>	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

### 4.2. Most important symptoms and effects, both acute and delayed

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	Vapours may cause headache, fatigue, dizziness and nausea.
<b>Ingestion</b>	Harmful: May cause lung damage if swallowed.
<b>Skin contact</b>	Prolonged contact may cause redness, irritation and dry skin.
<b>Eye contact</b>	Irritation of eyes and mucous membranes.

### 4.3. Indication of any immediate medical attention and special treatment needed

<b>Notes for the doctor</b>	If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.
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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.

### 5.2. Special hazards arising from the substance or mixture

<b>Specific hazards</b>	Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ). Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours.
<b>Hazardous combustion products</b>	Fire creates: Thermal decomposition or combustion products may include the following substances: Acrid smoke or fumes. Aldehydes, Sulphur oxides, Incomplete combustion products, Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ).

### 5.3. Advice for firefighters

<b>Protective actions during firefighting</b>	Evacuate area. Control run-off water by containing and keeping it out of sewers and watercourses.
<b>Special protective equipment for firefighters</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

<b>Personal precautions</b>	Wear protective clothing as described in Section 8 of this safety data sheet.
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### 6.2. Environmental precautions

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**Environmental precautions** Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body. Do not discharge into drains or watercourses or onto the ground.

### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** Absorb spillage with non-combustible, absorbent material.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. For waste disposal, see section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Static electricity and formation of sparks must be prevented. Storage tanks and other containers must be earthed.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** The container choice, for example storage vessel, may effect static accumulation and dissipation. Store in closed original container at temperatures between 5°C and 25°C.

**Storage class** Unspecified storage.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

**Usage description** AVOID CONTACT WITH SKIN AND EYES.

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

Long-term exposure limit (8-hour TWA): WEL 5 mg/m<sup>3</sup> mist

Short-term exposure limit (15-minute): WEL 10 mg/m<sup>3</sup> mist

#### **DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC; BASEOIL**

Long-term exposure limit (8-hour TWA): WEL 5.0 mg/m<sup>3</sup> 5.0 mg/m<sup>3</sup> inhalable fraction, mist

WEL = Workplace Exposure Limit

#### **DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC; BASEOIL (CAS: 64742-65-0)**

**DNEL**

Workers - Inhalation; local effects: 5.4 mg/m<sup>3</sup>

Consumer - Inhalation; local effects: 1.2 mg/m<sup>3</sup>

### 8.2. Exposure controls

#### **Protective equipment**



#### **Eye/face protection**

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses.

#### **Hand protection**

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

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<b>Other skin and body protection</b>	No skin protection is ordinarily required under normal conditions of use. In accordance with good industrial hygiene practices, precautions should be taken to avoid skin contact.
<b>Hygiene measures</b>	Remove contaminated clothing and wash the skin thoroughly with soap and water after work. When using do not eat, drink or smoke. Discard contaminated shoes and clothing.
<b>Respiratory protection</b>	No special requirements under ordinary conditions of use and with adequate ventilation. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.
<b>Environmental exposure controls</b>	Comply with applicable environmental regulations limiting discharge to air, water and soil. Protect the environment by applying appropriate control measures to prevent or limit emissions.

### SECTION 9: Physical and Chemical Properties

#### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Viscous liquid.
<b>Colour</b>	Brown.
<b>Odour</b>	Slight.
<b>Flash point</b>	> 200°C PMCC (Pensky-Martens closed cup).
<b>Vapour pressure</b>	<0.1 mm Hg @ 20°C
<b>Solubility(ies)</b>	Immiscible with water.
<b>Viscosity</b>	29-34 cSt @ 40°C

#### 9.2. Other information

<b>Other information</b>	DMSO Extract(mineral oil only), IP-346: < 3% wt.
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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

<b>Reactivity</b>	See sub sections below.
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#### 10.2. Chemical stability

<b>Stability</b>	Stable at normal ambient temperatures and when used as recommended.
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#### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	Will not polymerise.
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#### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	Excessive heat. High energy sources of ignition.
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#### 10.5. Incompatible materials

<b>Materials to avoid</b>	Strong oxidising agents.
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#### 10.6. Hazardous decomposition products

<b>Hazardous decomposition products</b>	None at ambient temperatures.
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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Aspiration hazard

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**Aspiration hazard** Pneumonia may be the result if vomited material containing solvents reaches the lungs.

### SECTION 12: Ecological Information

#### 12.1. Toxicity

**Toxicity** Material not expected to be harmful to aquatic organisms.

#### 12.2. Persistence and degradability

**Persistence and degradability** Material- expected to be inherently biodegradable.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential** The product contains potentially bioaccumulating substances.

#### 12.4. Mobility in soil

**Mobility** The product is insoluble in water and will spread on the water surface.

#### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

#### 12.6. Other adverse effects

**Other adverse effects** None known.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**General information** Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Empty containers must not be punctured or incinerated because of the risk of an explosion.

**Waste class** European waste code: 13 02 05

### SECTION 14: Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

#### 14.1. UN number

Not classified as dangerous goods for transport.

#### 14.2. UN proper shipping name

Not applicable.

#### 14.3. Transport hazard class(es)

Not applicable.

#### 14.4. Packing group

Not applicable.

#### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**  
No.



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### 14.6. Special precautions for user

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not determined

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

<b>National regulations</b>	EH40/2005 Workplace exposure limits. Health and Safety at Work etc. Act 1974 (as amended). Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.
<b>EU legislation</b>	Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

<b>Issued by</b>	Technical manager
<b>Revision date</b>	04/11/2015
<b>SDS number</b>	20503
<b>Hazard statements in full</b>	H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H312 Harmful in contact with skin. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H361f Suspected of damaging fertility. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. H413 May cause long lasting harmful effects to aquatic life.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.