

SAFETY DATA SHEET

Hydraulic Oil

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

PRODUCT NAME: 34054 AW22 HYDRAULIC OIL 5L
APPLICATIONS: ANTI WEAR HYDRAULIC OIL
SUPPLIER: Draper Tools Ltd
Hursley Road
Chandlers Ford
Eastleigh
Hampshire
SO53 1YF
Draper Helpline +44 (0) 2380 494344

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

2.2. Label elements

Hazard statements NC Not Classified
Labelling notes This product has no classification under CLP.
This product has no label elements.
This product is not identified as a PBT/vPvB substance.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hydraulic Oil

Baseoil - unspecified - lubricating oils (petroleum), base oils, paraffinic

60-100%

CAS number: 93572-43-1

EC number: 297-474-6

The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO extract as measured by IP 346 'Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions - Dimethyl sulphoxide extraction refractive index method', Institute of Petroleum, London. This Note applies only to certain complex oil-derived substances in Part 3.

Classification

Not Classified

Baseoil - unspecified - distillates (petroleum), solvent-refined light naphthenic

30-60%

CAS number: 64741-97-5

EC number: 265-098-1

The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO extract as measured by IP 346 'Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions - Dimethyl sulphoxide extraction refractive index method', Institute of Petroleum, London. This Note applies only to certain complex oil-derived substances in Part 3.

Classification

Not Classified

The full text for all hazard statements is displayed in Section 16.

Composition comments Highly refined mineral oil - DMSO extract <3% (w/w) according to IP346

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Not thought to be a concern. Albeit the user must carry out a risk assesment to determine the level of "mist" in the atmosphere to be within guide limits.
Ingestion	Rinse mouth thoroughly with water.
Skin contact	Wash skin thoroughly with soap and water.
Eye contact	Rinse cautiously with water for several minutes. Continue to rinse for at least 15 minutes.

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

Inhalation	No specific symptoms known.
Ingestion	May cause irritation.
Skin contact	May cause irritation.
Eye contact	May cause eye irritation. Redness.

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

Notes for the doctor Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Water spray.

5.2. Special hazards arising from the substance or mixture

Hydraulic Oil

Hazardous combustion products Toxic gases or vapours.

5.3. Advice for firefighters

Special protective equipment for firefighters 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

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground. Contain spillage with sand, earth or other suitable non-combustible material.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Stop leak if safe to do so. Contain and absorb spillage with sand, earth or other non-combustible material. Place waste in labelled, sealed containers.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Avoid contact with skin, eyes and clothing. Avoid the formation of mists. Provide adequate ventilation. Do not use in confined spaces without adequate ventilation and/or respirator. Avoid release to the environment.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place.

7.3. Specific end use(s)

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

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

No data available.

DNEL No data available.

PNEC No data available.

8.2. Exposure controls

Personal protection Good general ventilation should be adequate to control worker exposure to airborne contaminants. The storage area floor should be leak-tight, jointless and not absorbent.

Eye/face protection Tight-fitting safety glasses.

Hand protection Wear protective gloves.

Hydraulic Oil

Other skin and body protection	Wear protective clothing.
Hygiene measures	Good personal hygiene procedures should be implemented.
Respiratory protection	Respiratory protection not required.
Environmental exposure controls	Ensure all engineering measures mentioned in section 7 of SDS are in place. Storage should be placed inside a fully bunded area of sufficient size to contain the volume plus 10%. Prevent from entering in public sewers or the immediate environment.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Amber.
Odour	Slight.
pH	Not applicable.
Melting point	No information available.
Initial boiling point and range	>250°C
Evaporation rate	Negligible
Upper/lower flammability or explosive limits	Lower flammable/explosive limit: No data available Upper flammable/explosive limit:
Vapour pressure	No information available.
Solubility(ies)	Insoluble in water.
Partition coefficient	No information available.
Auto-ignition temperature	Not available.
Viscosity	Viscous
Oxidising properties	Non-oxidising (by EC criteria)

9.2. Other information

Other information	None.
--------------------------	-------

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	Stable at normal ambient temperatures and when used as recommended.
-------------------	---

10.2. Chemical stability

Stability	Stable at normal ambient temperatures.
------------------	--

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Under normal conditions of storage and use, no hazardous reactions will occur.
---	--

10.4. Conditions to avoid

Conditions to avoid	Extremes of Temperature
----------------------------	-------------------------

10.5. Incompatible materials

Hydraulic Oil

Materials to avoid Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Hazardous decomposition products In combustion emits toxic fumes Carbon.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects No data recorded.

Inhalation No specific symptoms known.

Ingestion May cause irritation.

Skin contact Causes mild skin irritation.

Eye contact May irritate eyes. Redness.

SECTION 12: Ecological Information

12.1. Toxicity

Toxicity No data available.

12.2. Persistence and degradability

Persistence and degradability Not readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient No information available.

12.4. Mobility in soil

Mobility The product contains substances which are bound to particulate matter and are retained in soil.

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 Not relevant.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods This oil if kept segregated is suitable for recovery. Dispose of contents/container in accordance with local regulations.

Waste class 13 01 10 Mineral based non-chlorinated hydraulic oils

SECTION 14: Transport information

General This product does not require a classification for transport. The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Hydraulic Oil

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

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

SECTION 15: Regulatory information

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

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

General information	This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.
Revision date	17/12/2015
Revision	1
SDS number	5174

PRECAUTIONS: This product and the auxiliary materials normally combined with it are capable of producing adverse health effects ranging from minor skin irritation to serious systemic effects. None of these materials should be used, stored, or transported until the handling precautions and recommendations as stated in the Material Safety Data Sheets (MSDS) for this and all other products being used are understood by all persons who will work with the product.