

COSHH ASSESSMENT — HYDRAULIC AND LUBRICATING OILS

COSHH — SUBSTANCE ASSESSMENT

Plant hydraulics, gearbox and engine oils, greases and chain lubricants

KD-COSHH-HO-039 Rev A0

COSHH 2002 reg 6: exposure is assessed BEFORE the work starts; reg 7: it is prevented, or adequately controlled, working down the hierarchy — eliminate, substitute, engineer, then RPE last. This assessment covers the substance family below; it is completed against the actual products (their safety data sheets alongside) and the actual task, and briefed to the people exposed. The current workplace exposure limit, where one applies, comes from EH40 and the SDS on the day — write it in below.

1 ASSESSMENT DETAILS

SITE / PROJECT

TASK ASSESSED

PRODUCTS IN USE (SDS TO HAND)

ASSESSED BY

DATE

2 THE SUBSTANCE — WHAT IT IS AND WHAT IT DOES

WHERE IT IS MET: Servicing and refuelling plant, greasing, hydraulic hose failures and leaks, and lubricating lift, crane and door mechanisms. Exposure is skin contact, mist from pressurised leaks, and the slip hazard on decks and ladders.

THE HARM: Repeated skin contact causes dermatitis and oil acne; prolonged contact with used engine oil can cause skin cancer — it is handled as a carcinogen. A high-pressure hydraulic leak can inject oil through skin — a medical emergency that looks like a pinprick. Oil on a deck causes falls.

3 EXPOSURE — ROUTES, PEOPLE, LIMIT

Inhalation — dust, fume, vapour or mist

Ingestion — hand to mouth

Skin and eye contact

Others affected — adjacent trades, occupiers, public

WHO IS EXPOSED, HOW LONG, HOW OFTEN

WEL / LIMIT (FROM EH40 AND THE SDS TODAY)

4 CONTROLS — IN THE REG 7 HIERARCHY, ALL IN PLACE BEFORE WORK STARTS

Nitrile gloves and coveralls for servicing; used engine oil handled as hazardous

Hydraulic systems depressurised before hoses are opened; never checked for leaks with a hand — cardboard, not skin

Any suspected injection injury goes straight to hospital and the doctor is told what it is

Leaks and drips contained and cleaned — an oiled walkway is a fall waiting to happen

Wash before breaks; oil-soaked clothing changed

SITE-SPECIFIC CONTROLS FOR THIS TASK

RPE WORN (TYPE, AND FACE-FIT WHERE TIGHT-FITTING)

OTHER PPE FOR THIS SUBSTANCE

5 HEALTH SURVEILLANCE, HYGIENE AND FIRST AID

Skin checks for regular plant fitters; injection injuries and dermatitis recorded and investigated.

6 STORAGE, SPILLAGE AND DISPOSAL

Drums banded, labelled, away from drains and watercourses; used oil in a banded tank for licensed collection; spill kit at the plant compound.

WHERE IT IS STORED ON THIS SITE

SPILL RESPONSE AT THE WORK

7 SIGN-OFF AND BRIEFING

The assessment is complete when the people exposed have been briefed on it. Reassess when the product, task, quantity or location changes — not on an anniversary.

ASSESSOR — PRINTED NAME

SIGNATURE

DATE

WORKFORCE BRIEFED (DATE / RECORD REF)

R REVISION HISTORY

Every revision of this document, and every review that found nothing to change. The revision on the front of this sheet is the one you are holding — check kubitdocs.com for the current one before use.

Rev	Date	Class	What changed	Authorised by
D0	2026-09-01	first-issue	First issue.	— not yet approved —
A0	2026-09-01	review	Approved for issue by the author. Content unchanged from the reviewed draft; the draft status strip is removed. No independent third-party review has been carried out.	Author — director, UK principal contractor, SMSTS. Not an independent review.

Class: first-issue · material (the law, a control, a field or the scope changed — past buyers are notified) · editorial (wording or layout only) · review (checked, nothing changed) · withdrawal. Revision prefix D = draft, not approved and not for sale; A = approved for issue by the person named, on the date shown.