



DET NORSKE VERITAS

MANAGEMENT SYSTEM CERTIFICATE

Certificate no: 2004-SKM-AQ-1917 / 2000-SKM-AE-420

This is to certify that

THE QUALITY AND ENVIRONMENTAL MANAGEMENT SYSTEMS
of

Statoil Lubricants

STOCKHOLM AND NYNÄSHAMN in SWEDEN
FAGERSTRAND in NORWAY

has been found to conform with the Management System Standards
ISO 9001:2000 and ISO 14001:2004

This Certificate is valid for the following product or service ranges
and for management of environmental aspects associated with:

DEVELOPMENT, PRODUCTION AND SALES OF LUBRICANTS,
PROCESS OILS AND RELATED SERVICES

Place and date
Stockholm, 2006-10-13

for the Accredited Unit
DNV Certification AB, Sweden

Hans Lindgren
Management Representative

The certificate is valid until
2009-12-31

Company initially certificated
1995-06-15 (Quality)
2000-12-21 (Environment)



Certification Audit
responsible

Jörgen Östlund/Beng Göran Knaborg
Lead Auditor

EC Declaration of Conformity

(Applies to Europe only)

Husqvarna AB, SE-561 82 Huskvarna, Sweden, tel. +46 36 146500 declares under sole responsibility that the product

Product name: **Husqvarna LS OIL**

Part number(s): **5444502-01 (0,1 L), 5444502-02 (1 L), 5444502-03 (4 L),
5444502-04 (10 L) 5310050-76 (208 L)**

Meets requirements of:

JASO FD/ISO EGD, Rotax 253 Snowmobile test

Notified body:

Svenska Statoil AB, Lubricants, 118 88 Stockholm, Sweden, has carried out Material Safety Data Sheet. The notified body has issued Material Safety Data Sheet no:
HEEN2007_CMS_S002

Huskvarna, 2007-04-11



Dagh Larsson, Senior Product Manager

PRODUCT INFORMATION SHEET

Husqvarna AB

S-561 82 Huskvarna, Tel: +46 36-14 65 00, Fax: +46 36-14 60 20

Date: 27.01.1998

Product name: HVA 2-Stroke Low Smoke Oil

Use: **Engine (lubrication) oil especially for two-stroke, air-cooled, petrol-driven engines such as chain saws, cut-off saws and clearing saws.**

REPLACES PRODUCT INFORMATION SHEET DATED: 01.10.1996

The purchaser is responsible for ensuring that the product is stored, handled and used in the correct way and for deciding whether it is suitable for the purpose for which it is being used.

This information does not contain details of the risks involved or protective measures required in the case of improper use or handling of the product, nor when it is used in conjunction with another product.

The information does not take into consideration any hypersensitivity, which certain persons may suffer from.

PRODUCT INFORMATION SHEET

PRODUCT AND SAFETY REGULATIONS

Issued: 27.01.98

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HVA 2-Stroke Low Smoke Oil

1. NAME OF PRODUCT AND COMPANY

Product name: HVA 2-Stroke Low Smoke
Purpose: Engine lubrication especially for two-stroke, air-cooled, petrol- driven engines such as chain saws, cut-off saws and clearing saws.

Supplier: HUSQVARNA AB
S-561 82 Huskvarna
SWEDEN
Telephone: +46 36 14 65 00
Fax: +46 36 14 60 20

2. COMPOSITION/CLASSIFICATION OF SUBSTANCES

Name:	CAS no.:	Conc.(w %)	Classification:
Light hydrogen-treated Distillate (petroleum); Highly refined mineral oil	64742-47-8	15-25 %	Xn-V;65-320-313
Polybutylene	9003-29-6	>40 %	EK
Dispersant/detergent	-	-	(EK)
Polymethacrylate	-	-	EK
Pigment	-	250mg/kg	

Explanation of symbols:

T+=Highly toxic, T=Toxic, C= Corrosive, Xn=Health hazard, Xi=Irritant, EK=Not classified, V=Moderate health hazard, E=Explosive, O=Oxidising, F+=Extremely flammable, F=Highly flammable, N=Environmental hazard, Mut=Mutagen, S=Sensitiser, Carc=Carcinogen
Repr=Toxic to reproduction H=Skin absorption.

3. HAZARDOUS PROPERTIES

CAN BE DANGEROUS IF INHALED.
HAS A DRYING EFFECT ON THE SKIN.

Health class: Fire class:
Read warning notice. **Fire class 3**

Moderately hazardous to health!

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HVA 2-Stroke Low Smoke Oil

4. FIRST AID

INHALATION: Fresh air, rest and warmth. Rinse nose, mouth and throat with water. If symptoms persist, consult a doctor.

SKIN CONTACT: Remove splashed or soiled clothing. Wash the skin with soap and water. If the symptoms persist, consult a doctor. Mineral oil, which has penetrated the skin under high pressure, is a serious injury requiring IMMEDIATE hospital treatment.

EYE CONTACT: Rinse immediately with water 10-15 min. Keep the eyes wide open. If symptoms persist, consult a doctor.

IF SWALLOWED: Do NOT induce vomiting. Consult a doctor.

MEDICAL INFORMATION: Can cause chemical pneumonia if breathed into the lungs.

5. IN CASE OF FIRE

EXTINGUISHANT: Extinguish with powder/carbon dioxide/foam.

FIRE FIGHTING: Move containers away from the fire, or cool with water. Fires in enclosed areas may only be fought by qualified fire-fighting personnel.

FIRE/EXPLOSION

RISKS: The product may accumulate static charge.

6. IN CASE OF SPILLAGE/ACCIDENTAL DISCHARGE

Surround with sand earth etc. then collect up with suitable absorbent material. Dispose of according to local regulations. Inform local authorities if discharge is unavoidable. Contact the rescue services in cases of widespread spillage.

7. HANDLING AND STORAGE

HANDLING: Handle carefully to avoid spillage. Unsuitable material and surface treatments: Natural rubber, butyl rubber, EPDM, polystyrene.

HANDLING REGULATIONS: Flammable class 3 liquid. Permission for the handling of flammable liquids, or registration with the municipality may be required.

STORAGE: Store in a well-ventilated place.

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HVA 2-Stroke Low Smoke Oil

8. RESTRICTION TO EXPOSURE/PERSONAL SAFETY MEASURES

<u>LIMIT VALUES:</u>	<u>CASno.:</u>	<u>Limit value:</u>
Highly refined mineral oil;	-	1 mg/m ³
Light hydrogen-treated distillate (petroleum);	64742-47-8	350 mg/m ³

PREVENTIVE MEASURES: Mechanical ventilation is recommended when the product is used in confined spaces, where it is heated to above the surrounding air temperature, or when necessary for maintaining the quantity in the air below the hygienic limit values in the workplace.

BREATHING: Half or full-face mask with gas filter A (brown) or breathing apparatus may be necessary.

EYE PROTECTION: Eye protection should be used if there is a risk of splashing or direct contact.

HAND PROTECTION: Hand protection should be used if there is a risk of splashing or direct contact.

SKIN PROTECTION: Protective clothing should be worn if there is a risk of splashing or direct contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Consistency	Liquid
Colour	Blue-green
Smell	Organic solvent
Solubility	Organic solvent
Melting/solidifying point	--
Boiling point	--
Density	867 kg/m ³ at 15/4 C
Flash point	>65 C
Explsve. lmt. threshold%-%	approx. 1 - 7
pH concentration	--
Solubility in water	Negligible
Vapour pressure	< 0.1 kPa at 20_ C
Viscosity	54 mm ² /s at 40_ C
Fire point	> 200_ C
Rel. vapour density (air=1)	> 1

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HVA 2-Stroke Low Smoke Oil

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal handling conditions.
 REACTS WITH: Strong oxidising substances.
 DANGEROUS
 CONVERSION PRODUCTS: Carbon monoxide and carbon dioxide are formed during burning.

11. TOXICOLOGICAL INFORMATION

Acute oral tox.: > 5000 mg/kg LD 50 rat
 Acute derm. tox.: > 2000 mg/kg LD 50 (average value)
 INHALATION: High concentrations of vapour may irritate the respiratory organs, cause headaches and dizziness or unconsciousness, or affect the central nervous system in other ways.
 SKIN CONTACT: Repeated or long-term contact dries out the skin, causing discomfort and skin inflammation. Mineral oil, which has penetrated the skin under high pressure, can cause extensive tissue destruction of the dermis.
 EYE CONTACT: Causes discomfort but does not damage the eye tissue.
 IF SWALLOWED: Can cause nausea, vomiting and diarrhoea. Inhalation of small amounts of liquid (aspiration) when swallowing or vomiting may result in pneumonia or water in the lungs.

12. ECOTOXICOLOGICAL INFORMATION

PETROLEUM DISTILLATE:

Biodegradability: Expected to be biodegradable.
 Aquatic toxicity: Non-toxic to aquatic organisms. Average LC50 value > 1000 mg/l.
 Bio-accumulation: Contains components, which can bio-accumulate (logPow > 3.7).

HIGHLY REFINED MINERAL OIL:

Biodegradability: Not easily biodegradable. Considered to be potentially biodegradable.
 Aquatic toxicity: Non-toxic to aquatic organisms. Average LC50 value > 1000 mg/l.
 Bio-accumulation: Contains components, which can bio-accumulate (logPow > 6).
 Other properties: Low solubility in water, strongly absorbed by soil particles.

OTHER COMPONENTS:

Components classified as environmentally hazardous are shown under heading 2.

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13. WASTE DISPOSAL

Surplus and used products which cannot be recycled must be treated as environmentally hazardous waste (SFS 1996:971). May only be transported by a specially-licensed contractor. See "Contamination by waste oil SFS 1993:1268".

Emptying instructions for drum: Turn drum so that bung holes are at bottom, with 2" bung hole lowest and the drum on a slight gradient (about 10 degrees) for minimum of 15 minutes at 151/4°C .

14. TRANSPORTATION INFORMATION

GENERAL

Not classified as dangerous goods according to IMO or ADR/RID.

15. APPLICABLE NORMS

Classification:	READ THE WARNING NOTICE	
	MODERATE HEALTH HAZARD	FIRE CLASS 3

CONTAINS

Light hydrogen-treated distillate (petroleum); 15 - 25 %

R-CODES

R320 Can be dangerous if inhaled during frequent exposure.

R313 Dries the skin.

S-CODES

S51 Ensure good ventilation.

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16. OTHER INFORMATION

REVISION DATE: 27.01.98

REPLACES PRODUCT INFORMATION SHEET DATED: 01.10.96

INFORMATION SOURCE:

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149 22 Nynäshamn
SWEDEN

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Telephone: +46 8 520 655 00

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SUPPLIER'S COMMENTS

USER'S COMMENTS