Compressor Oil

High Performance Piston Air Com

Section 1. Identification

Product Name:	Compressor Oil
Product Code:	TM359-1000
Recommended Use:	High performance hydraulic oil for use in all piston air compressors.
Uses Advised Against:	Not for food-related applications.
Product Type:	Liquid

Manufacturer / Supplier
Quick Smart Products / Advance Chemicals
4–8 Malton Court, Altona VIC 3018

Australian Distributor
ITM Tools (itmtools.com.au)
11 Eastern Service Road, Stapylton QLD 4207
Phone: 07 3287 1114
Email: sales@itmtools.com.au

Emergency Contacts (Australia)
Poisons Information Centre: **13 11 26** (24 hrs)
After Hours: 0425 800 022
General Enquiries: (03) 9398 4444 (BH)

Section 2. Hazard(s) Identification

Note – Australian Regulatory Compliance: This product has been reviewed against the Safe Work Australia Hazardous Chemicals classification criteria (GHS 7th Revised Edition). The original SDS (November 2022) was prepared under Australian GHS requirements. This updated SDS has been reformatted to conform to the Safe Work Australia Code of Practice: Preparation of Safety Data Sheets for Hazardous Chemicals (GHS 7th Revised Edition). Based on available data, this product is **not classified as hazardous** under the WHS Regulations. Suppliers must provide this SDS and a compliant label to all Australian workplaces prior to or at the time of first supply. This SDS must be reviewed at least every 5 years.

Classification (Safe Work Australia – WHS Regulations, GHS 7th Rev.):	**Not classified as a hazardous chemical. Based on available data for the ingredients (severely solvent refined base oils with performance additives), this product does not meet the criteria for hazardous classification under the GHS 7th Revised Edition as adopted by Safe Work Australia.**
Signal Word:	None (not classified as hazardous)
Hazard Statement(s):	None
GHS Pictogram(s):	None required

Precautionary Statements

Although not classified as hazardous, good chemical hygiene practices should be followed. See Sections 7 and 8.

Code	Statement
P102	Keep out of reach of children.
P260	Do not breathe mist or vapour.
P273	Avoid release to the environment.
P501	Dispose of contents and container in accordance with applicable Australian Commonwealth, state/territory and local government regulations.

Hazards Not Otherwise Classified (HNOC):	**None known.**
WHMIS Classification:	None (not applicable in Australia – retained for reference only).

Section 3. Composition / Information on Ingredients

Substance / Mixture:	Mixture

Chemical Name / Description	CAS Number	Proportion (% w/w)	GHS Classification (7th Rev.)
A blend of severely solvent refined base oils with proprietary performance additives at sufficiently low levels as to not require hazardous classification.	Mixture	>60% (VHIGH)	Not classified as hazardous under GHS 7th Rev.

Percentages are by weight. No individual ingredient present at concentrations requiring classification and reporting under GHS 7th Rev. criteria. Occupational exposure limits, where available, are listed in Section 8.

Section 4. First Aid Measures

4.1 Description of First Aid Measures

Route	First Aid Action
Inhalation	Remove exposed individual to fresh air immediately. If not breathing, apply artificial respiration and contact emergency services. Lay patient in a comfortable position and keep warm. If experiencing respiratory symptoms seek immediate medical attention. If irritation develops or persists, consult a doctor.
Skin Contact	Remove contaminated clothing and footwear. Wash skin or hair with soap and water for at least 15–20 minutes. If irritation or rash occurs seek medical advice/attention. Wash contaminated clothing before reuse.
Eye Contact	Hold eyelids apart and flush eye(s) immediately with large amounts of running clean water for at least 15–20 minutes, occasionally lifting upper and lower eyelids. Check for and remove contact lenses if present and easy to do. Seek medical attention if irritation develops or persists.
Ingestion (Swallowing)	Rinse mouth out with water. Do NOT induce vomiting. If vomiting occurs, lean patient forward or place on left side to maintain open airway and prevent aspiration. If irritation develops or persists or vomiting has occurred, seek immediate medical assistance. Immediately call the Poisons Information Centre (13 11 26) or a doctor.

4.2 Most Important Symptoms and Effects (Acute and Delayed)

Acute: May cause mild irritation to skin and eyes on contact. Vapour inhalation under ambient conditions is not normally a problem due to the low vapour pressure of this product. Ingestion of large quantities may cause nausea and diarrhoea. **Delayed / Chronic:** Repeated or prolonged skin contact can result in irritation and in severe cases dermatitis. Used oils may contain harmful impurities that can accumulate during use and should be handled with caution.

4.3 Indication of Immediate Medical Attention and Special Treatment

Notes to physician: Treat symptomatically based on individual reactions and judgment of doctor. Contact the Poisons Information Centre (13 11 26) for management advice. No specific antidote known.

Section 5. Fire-Fighting Measures

Suitable Extinguishing Media	**Carbon dioxide (CO■), foam, dry chemical powder or water spray. Use extinguishing media appropriate for surrounding fire.**
Unsuitable Extinguishing Media	Do not use a direct water jet – this will spread the fire.
Flash Point	204°C (PMP) – Combustible liquid. Classified as a Class 2 Combustible Liquid per AS 1940. Not classified as flammable under the Australian ADG Code.
Flammability	Non-flammable under normal conditions of use.
Specific Hazards from the Chemical	Containers may rupture or explode when exposed to extreme heat. Incomplete combustion/thermal decomposition will generate smoke, carbon dioxide, carbon monoxide and other hazardous gases.
Hazardous Combustion Products	Carbon monoxide, carbon dioxide, acrid smoke and unidentified organic combustion products.
Hazchem Code	Not applicable.
Special Protective Equipment for Fire-fighters	Wear self-contained breathing apparatus (SCBA) with full face-piece operated in positive-pressure mode and full protective fire-fighting clothing (helmet, coat, trousers, boots and gloves).

Special Actions for Fire-fighters	Evacuate area. Clear fire area of all non-emergency personnel. Stay upwind and keep out of low areas. Cool containers with water spray to prevent pressure build-up. Move fire-exposed containers from fire area if it can be done without risk.

Section 6. Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Avoid accidents, clean up immediately. Product is slippery when spilled. Wear appropriate protective equipment to prevent skin and eye contact and inhalation of vapours (refer Section 8). Eliminate all sources of ignition. Increase ventilation. Use clean, non-sparking tools and equipment. Avoid breathing vapour or mist.

6.2 Environmental Precautions

Use appropriate containment to avoid environmental contamination. Do not allow product to enter drains, surface water, sewers or watercourses. Advise the relevant state/territory environment protection authority (EPA) if environmental pollution occurs.

6.3 Methods and Materials for Containment and Cleaning Up

Spill Scale	Procedure
Small Spill	Wear nitrile gloves, safety glasses/goggles, boots and full-length clothing. Stop the leak if safe to do so. Contain the spill and absorb with a proprietary absorbent material, sand or earth. Collect all material and place in suitable, labelled containers for disposal. Wash contaminated area with detergent and water. Do not allow washwater to enter drains or watercourses.
Large Spill	Wear full chemical-resistant bodysuit; evaluate atmosphere for oxygen deficiency. If in doubt about oxygen levels, wear SCBA. Stop leak if safe to do so. Isolate the danger area. Prevent entry into sewers, watercourses, basements or confined areas. Contain and absorb with non-combustible material. Transfer to suitable containers for disposal by a licensed waste contractor (see Section 13). Notify relevant authorities immediately if spillage reaches waterways, storm drains or sewers.

Section 7. Handling and Storage

7.1 Precautions for Safe Handling

Ensure an eye bath and safety shower are available and ready for use. Avoid contact with the product by using appropriate protective equipment (refer Section 8). Do not eat, drink or smoke in areas where this material is handled, stored and processed. Observe good personal hygiene practices. Wash thoroughly after handling. Take precautionary measures against static discharges by bonding and grounding equipment. Avoid release to the environment.

7.2 Conditions for Safe Storage Including Any Incompatibilities

Product is classified as a Class 2 Combustible Liquid for the purpose of storage and handling. Refer to AS 1940 – The Storage and Handling of Flammable Liquids. Store in a cool (<30°C), dry, well-ventilated area out of direct sunlight and away from ignition sources, oxidising agents, foodstuffs and clothing. Keep containers tightly closed when not in use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Inspect regularly for deficiencies such as damage or leaks. Store in accordance with applicable Australian Commonwealth, state/territory and local government requirements.

Incompatibilities:	Oxidising substances including strong acids.

7.3 Specific End Use(s)

High performance hydraulic oil for use in piston air compressors. No other specific recommendations beyond those stated in this SDS.

Section 8. Exposure Controls / Personal Protection

8.1 Control Parameters – Occupational Exposure Limits (OELs)

Ingredient	Standard	TWA	STEL	Notes
Mineral/Petroleum oil mist (inhalable)	Safe Work Australia (WES)	5 mg/m³	10 mg/m³	Oil mist – inhalable fraction
Mineral/Petroleum oil mist (inhalable)	ACGIH TLV (reference)	5 mg/m³	—	Mineral oil mist, inhalable fraction

Biological Limit Values (BLVs): No biological limit values have been established for this product or its ingredients under Safe Work Australia standards.

8.2 Appropriate Engineering Controls

Ensure eye wash station and safety shower are available in the immediate vicinity of use or handling. Special ventilation is not normally required when using this product at normal temperatures. In the operation of certain equipment, at elevated temperatures or in confined spaces, mist or vapour may be generated and local exhaust ventilation should be used to maintain airborne concentrations below the applicable Workplace Exposure Standards (WES).

8.3 Individual Protection Measures (Personal Protective Equipment)

PPE Type	Requirement / Specification
Eye / Face Protection	Safety glasses with side-shields or chemical splash goggles complying with AS/NZS 1337.1 as appropriate. Ensure eyewash station is accessible within 10 seconds of the work area.
Hand Protection	Wear gloves of impervious material. Recommended: nitrile rubber gloves complying with AS/NZS 2161.1. Final choice will vary according to circumstances and risk assessment. Contact glove manufacturer for breakthrough time data.
Body / Skin Protection	During normal operations, long-sleeved clothing is recommended to avoid skin contact. Chemical-resistant plastic apron is recommended where large quantities are handled. Appropriate footwear should be worn.
Respiratory Protection	Not normally required where adequate ventilation is maintained. If mists or vapours are generated, use a half-face respirator with organic vapour/P2 combination cartridges complying with AS/NZS 1715 and AS/NZS 1716. Respirators must be used in accordance with a respiratory protection program including fit testing, training and maintenance.
General Hygiene	Wash hands thoroughly before breaks and at end of work. Remove contaminated clothing and wash before reuse. Do not eat, drink or smoke in areas where this product is handled.

Section 9. Physical and Chemical Properties

Physical State	Liquid	**Odour**	Characteristic lubricating oil odour
Appearance / Colour	Brown oily liquid	**Odour Threshold**	Not determined
pH	Not applicable	**Melting/Freezing Point**	Not determined
Initial Boiling Point / Range	Not determined	**Flash Point**	204°C (PMP) – closed cup
Evaporation Rate	Not determined	**Flammability**	Not flammable. Class 2 Combustible Liquid (AS 1940)
Lower/Upper Explosive Limit	Not determined	**Vapour Pressure**	Not determined
Vapour Density	Not determined	**Density at 15°C**	0.878 kg/L
Solubility in Water	Insoluble	**Reactivity**	Reacts with oxidising agents
Auto-ignition Temperature	Not determined	**Decomposition Temperature**	Not determined
Kinematic Viscosity (40°C)	32.0 mm²/s (cSt)	**Kinematic Viscosity (100°C)**	5.4 mm²/s (cSt)
VOC Content	Not determined	**Explosive Properties**	Not determined

Section 10. Stability and Reactivity

Reactivity	**This product does not pose any further reactivity hazards other than those listed below.**
Chemical Stability	Stable under recommended storage and handling conditions (refer Section 7).
Possibility of Hazardous Reactions	None under normal conditions.
Conditions to Avoid	Direct sunlight, heat, open flames and sparks. Avoid contact with oxidising agents.
Incompatible Materials	Strong oxidising agents and strong acids.
Hazardous Decomposition Products	Incomplete combustion/thermal decomposition will generate smoke, carbon dioxide and hazardous gases including carbon monoxide.

Hazardous Polymerisation	Will not occur.

Section 11. Toxicological Information

11.1 Information on Toxicological Effects

Routes of Entry Anticipated: Skin contact and eye contact are the primary routes of exposure, although exposure may occur following accidental ingestion or inhalation.

Effect / Endpoint	Ingredient / Product	Data / Finding
Acute Toxicity – Oral/Dermal	Severely solvent refined base oils	No specific data. Similar mineral oils: oral/dermal LD50 generally >5,000 mg/kg (Rat) – low acute toxicity.
Acute Toxicity – Inhalation	Product	Vapour inhalation under ambient conditions not normally a problem due to low vapour pressure.
Eye Contact	Product	May cause slight eye irritation.
Skin Contact	Product	May cause mild irritation on prolonged or repeated contact.
Skin Corrosion / Irritation	Product	Not classified.
Respiratory / Skin Sensitisation	Product	No data available. Not classified.
Carcinogenicity	Product	No known significant effects or critical hazards. Severely solvent-refined (hydrotreated) base oils: IARC Group 3 – not classifiable as to carcinogenicity to humans. Not listed as a carcinogen by Safe Work Australia.
Germ Cell Mutagenicity	Product	No data available. Not classified.
Reproductive Toxicity	Product	No data available. Not classified.
STOT – Single Exposure	Product	No data available. Not classified.
STOT – Repeated Exposure	Product	Repeated or prolonged skin contact may cause dermatitis.
Aspiration Hazard	Product	Not classified. Product has high viscosity (32 cSt at 40°C) which significantly reduces aspiration risk.
Chronic Effects	Product	Used oils may contain harmful impurities accumulated during use. All used oil should be handled with caution and skin contact minimised by wearing suitable gloves (e.g. nitrile rubber).

Section 12. Ecological Information

Ecotoxicity	**No specific ecotoxicity data available for this product as a whole. Not classified as an aquatic hazard under GHS 7th Rev. However, petroleum-based products should be prevented from entering waterways, drains or soil.**
Persistence and Degradability	Based on the components and similar products, the product is not expected to be readily biodegradable. Major constituents are expected to be inherently biodegradable, but the product may contain components that persist in the environment.
Bioaccumulative Potential	No information available on bioaccumulation for this product.
Mobility in Soil	Floats on water. If it enters soil, it will adsorb onto soil particles and will not be highly mobile.
PBT / vPvB Assessment	Not assessed. No PBT or vPvB substances identified in this mixture.
Other Adverse Effects	Product will float on water. Spills may form a film on water surfaces causing physical damage to organisms. Oxygen transfer could be impaired. Do not allow product to reach waterways, drains or sewers.

Section 13. Disposal Considerations

13.1 Waste Treatment Methods

The generation of waste should be avoided or minimised wherever possible. It is the responsibility of the waste generator to properly characterise all waste materials and comply with applicable Australian Commonwealth, state/territory and local government environmental protection and waste disposal legislation. This product may require classification as a controlled waste in some

jurisdictions – consult the relevant state/territory EPA before disposal.

Dispose of surplus and non-recyclable product via a licensed hazardous waste disposal contractor. Product and containers must not be disposed of with household garbage. Waste should not be discharged untreated to sewer, waterways or drains. Waste packaging should be recycled where possible. Empty containers may retain product residues – handle with caution. Do not reuse containers.

AICIS (Australian Industrial Chemicals Introduction Scheme): All ingredients are listed on the Australian Inventory of Chemical Substances (AICS). Users should ensure use of this product is permitted under the AICIS framework.

Section 14. Transport Information

Based on composition and available data, this product is not classified as a Dangerous Good for transport under the Australian Dangerous Goods Code (ADG Code), IATA DGR, or IMDG Code.

Classification Item	ADG Code (Australian Road/Rail)	IMDG (Sea)	IATA (Air)
UN Number	Not regulated	Not regulated	Not regulated
UN Proper Shipping Name	Not regulated	Not regulated	Not regulated
Class / Division	None	None	None
Packing Group	N/A	N/A	N/A
Environmental Hazard / Marine Pollutant	Not classified	Not classified	Not classified

Transport within user's premises: Always transport in closed, upright and secure containers. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Section 15. Regulatory Information

15.1 Australian Regulatory Information

Regulatory Framework	Status / Details
Work Health and Safety (WHS) Legislation	This product is not classified as a hazardous chemical under the model WHS Regulations (GHS 7th Rev. criteria). However, a SDS must still be provided as it is a chemical used in the workplace. Suppliers must provide this SDS and a compliant label before or at the time of first supply to a workplace.
Safe Work Australia – WES	Refer to Section 8. WES for mineral oil mist (inhalable): 5 mg/m³ TWA, 10 mg/m³ STEL.
AICIS / AICS	All ingredients are listed on the Australian Inventory of Chemical Substances (AICS). No conditions of introduction are known to apply for standard industrial use.
ADG Code (Transport)	Not regulated as a dangerous good. See Section 14.
National Pollutant Inventory (NPI)	Facility operators should assess NPI reporting obligations for petroleum-based components at applicable threshold quantities.
Poisons Standard (TGA)	Not a therapeutic good. Not scheduled under the Poisons Standard. Note: the SUSMP reference in the original SDS is now superseded by the current Poisons Standard administered by the TGA.
Environmental Protection	This product should not be released into the environment. Relevant state/territory EPA legislation applies to spills and disposal. Discharge to water or sewer without appropriate treatment is prohibited.
SDS Review Requirement	This SDS must be reviewed at least every 5 years from the date of issue.
AS 1940 – Storage	Product is classified as a Class 2 Combustible Liquid. Storage must comply with AS 1940 – The Storage and Handling of Flammable Liquids and applicable state/territory dangerous goods legislation.

15.2 International / Other Regulatory Information (Reference Only)

Regulation / Inventory	Status
AICS (Australia)	All ingredients listed.
TSCA (USA) – Toxic Substances Control Act	All ingredients listed.
Canadian DSL (Domestic Substances List)	All ingredients listed.

SUSMP (Australia)	A poison schedule has not been allocated for this product (retained for reference from original SDS).

Section 16. Other Information

SDS Revision History

Version	Issue Date	Previous Issue Date	Revised By	Summary of Changes
1	20 February 2026	November 2022	ITM Tools	Fully reformatted and updated for Australian market compliance: GHS 7th Revised Edition per Safe Work Australia Code of Practice for SDS preparation, WHS Regulations, ADG Code, AICIS/AICS, Safe Work Australia WES values (including STEL), AS/NZS PPE standard references, Australian emergency contacts, NPI reference, AS 1940 storage classification, AICIS disposal statement, expanded toxicological and ecological data. TGA/Poisons Standard reference updated. Australian distributor updated to ITM Tools. Format modernised to match Safe Work Australia SDS Code of Practice requirements.
—	November 2022	—	Quick Smart Products / Advance Chemicals	Original SDS issue for Australian market.

Key to Abbreviations

ADG = Australian Dangerous Goods Code | AICIS = Australian Industrial Chemicals Introduction Scheme | AICS = Australian Inventory of Chemical Substances | ACGIH = American Conference of Governmental Industrial Hygienists | AS = Australian Standard | CAS = Chemical Abstracts Service | DSL = Canadian Domestic Substances List | GHS = Globally Harmonised System of Classification and Labelling of Chemicals | IATA = International Air Transport Association | IMDG = International Maritime Dangerous Goods Code | NPI = National Pollutant Inventory (Australia) | NZS = New Zealand Standard | PBT = Persistent, Bioaccumulative and Toxic | SCBA = Self-Contained Breathing Apparatus | STEL = Short Term Exposure Limit | STOT = Specific Target Organ Toxicity | SUSMP = Standard for the Uniform Scheduling of Medicines and Poisons | TGA = Therapeutic Goods Administration | TSCA = Toxic Substances Control Act (USA) | TWA = Time-Weighted Average | vPvB = very Persistent, very Bioaccumulative | WES = Workplace Exposure Standard (Australia) | WHS = Work Health and Safety

End of Safety Data Sheet – Compressor Oil (TM359-1000) | Version 1 | Issued: 20 February 2026