



Havoline[®] Super 2T-SX

Proven performance low-ash synthetic two-cycle engine oil

Product description

Havoline Super 2T-SX is a proven performance low-ash synthetic two-cycle engine oil, designed for use in land-based, air-cooled two-cycle engines in motorcycles, snowmobiles and chainsaws.

Havoline Super 2T-SX is a proven performance synthetic formulation in combination with a robust low-ash additive system.

Customer benefits

- Low-ash additive performance helps reduce spark plug fouling, reducing maintenance and increasing spark plug service life
- Offers dependable engine protection and resistance to bearing wear, piston scuffing and exhaust system blockage and corrosion
- Designed to protect against high temperature ring sticking and deposit-induced pre-ignition with reduced exhaust emissions
- Formulated for very low temperature applications

Product highlights

- **Helps reduce spark plug fouling, increasing service life**
- **Offers engine and bearing wear and piston scuffing protection**
- **Designed to protect against ring sticking**
- **Formulated for low temperatures**

Selected specification standards include:

API	Husqvarna
ISO	JASO
Rotax	

Applications

- Heavy duty air-cooled, land-based two-cycle engine applications including motorcycles, go-karts, chainsaws and snowmobile applications even under very low temperature conditions
- Havoline Super 2T-SX should be used in 50:1 fuel/oil ratio, however manufacturers' recommendations should be followed if different doses are indicated
- Havoline Super 2T-SX is miscible with gasoline and gasoline/ethanol blends
- Not recommended for use in marine outboard engines or any compressed natural gas (CNG) or liquefied petroleum gas (LPG) fuelled two-cycle engines

Approvals, performance and recommendations

Performance

- API TC
- JASO FD
- ISO EGD

Recommendations

Havoline Super 2T-SX is suitable for use in:

- Chainsaws Husqvarna HVA 346 detergency
- Chainsaws Husqvarna HVA 372 lubricity
- Snowmobiles Rotax 253cc test
- Kart racing Dynamometer testing and field test data

Typical test data		
Test	Test Methods	Results
Viscosity Grade		SAE F/M 3
Density at 15°C, kg/l	ASTM D4052	0.888
Kinematic viscosity at 40°C, mm ² /s	ASTM D445	51
Kinematic viscosity at 100°C, mm ² /s	ASTM D445	8.6
Viscosity Index	ASTM D2270	146
Pour point, °C	ASTM D5950	-42
Flash point COC, °C	ASTM D92	80
Sulphated Ash, %wt	ASTM D874	0.085
Colour	Visual	Green

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.

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