



**RW**

**Oil**

**motor**

Lubricants Antifreeze  
Industrial Marine

## **RW AUTO FORCE S 5W-50**

### DESCRIPTION

RW Auto Force S 5W-50 is universal engine oil based on specially selected synthetic base oils and most efficient additives. Product provides maximal engine protection and ensures engine efficiency even in extreme operating conditions.

### APPLICATIONS

RW Auto Force S 5W-50 is universal engine oil recommended for most of gasoline and diesel engines with or without turbocharging. Engine oil is recommended for both motor cars and light trucks operating in extreme operating conditions.

### PERFORMANCE PERFORMANCE FEATURES AND BENEFITS

- Longer service life
- High and very stable viscosity
- Excellent torque properties
- Safe lubricating oil film at very high temperatures
- Excellent detergent and dispersing properties
- High wear, rust and foaming protection
- High oxidation stability

### SPECIFICATIONS AND APPROVALS

ACEA A3/B4-12; API SN/CF; VW 502.00/505.00; Porsche A40

### ADVICE

Advice on applications not covered in this leaflet may be obtained from your RW™ Representative.

### STORAGE

The product shall be stored in a closed container in a dry and clean place, away from flammable materials, heat sources, and direct sun light. The recommended storage temperature is 5–35°C, unless indicated otherwise.

Do not freeze the product. Observe the first in first out warehousing principle. Recommended shelf life is 5 years.

### HEALTH AND SAFETY

The product is unlikely to present any significant health or safety hazard when properly used in the recommended application, and good standards of industrial and personal hygiene are maintained. Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

For further guidance on Product Health & Safety refer to the appropriate RW™ Product Safety Data Sheet.

Residues shall be utilized according to Directives EC 91/156, 91/689, and 94/62.

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

## TYPICAL PHYSICAL CHARACTERISTICS

PROPERTY	METHOD	RW AUTO FORCE S 5W-50
SAE Viscosity Grade	SAE J300	5W-50
Density at 15°C, kg/m <sup>3</sup>	ASTM D4052	853
Viscosity at -30°C, mPa.s	ASTM D5293	4670
Viscosity at 40°C, mm <sup>2</sup> /s (sSt)	ASTM D7042	100,90
Viscosity at 100°C, mm <sup>2</sup> /s (sSt)	ASTM D7042	17,30
Viscosity Index	ASTM D2270	188
Flash Point (COC), °C	ASTM D92	223
Pour Point, °C	ASTM D97	-39

These characteristics are typical of current production. Whilst future production will conform to RW™'s specification, variations in these characteristics may occur.