



## SWIFT GF-5

### PRODUCT DESCRIPTION:

Swift GF-5 oils are engineered from high-performance base stocks combined with a modern performance additives system to give your engine the protection and the performance you expect under a wide variety of operating conditions. It is recommended for all high-performance gasoline engine cars equipped with direct-injection, multi-valve & turbo-charger, and technologies.

### APPLICATION:

Recommended for gasoline fueled automobiles and light duty trucks requiring an API Service Category SN.

### FEATURES & BENEFITS:

- Outstanding wear protection under a wide variety of operating conditions
- Special cleaning additive to help prevent the formation of sludge and harmful deposits
- Optimal engine operating temperature, owing to thermal control formula
- Limits formation of deposits on the most loaded engine parts
- Provides safe operation of catalytic exhaust converters
- Resistant to extreme thermal load, due to high quality of base oil
- Enables fast and easy start in extreme temperature conditions
- Extra cleaning performance

### API LICENSE:

- SAE 0W-20 • SAE 5W-20 • SAE 5W-30 • SAE 5W-40 • SAE 10W-30 • SAE 10W-40 • SAE 20W-50



### PERFORMANCE LEVELS / MEETS OR EXCEEDS:

SAE GRADES	0W-16	0W-20	5W-20	5W-30	10W-30	5W-40	10W-40	15W-40	20W-50
API	SN (RC)	SN (RC)	SN (RC)	SN (RC)	SN (RC)	SN	SN	SN	SN
ILSAC	-	GF-5	GF-5	GF-5	GF-5	-	-	-	-
GM	-	DEXOS1	DEXOS1	DEXOS1	-	-	-	-	-
CHRYSLER	-	MS6094M	MS6094M	MS6094M	MS6094M	-	-	-	-
FORD	-	947A	945A	946A	-	-	-	-	-

### TYPICAL PERFORMANCE:

PARAMETERS	ASTM	UNIT	SWIFT GF-5 (Typical Specification)							
			0W-20	5W-20	5W-30	10W-30	5W-40	10W-40	15W-40	20W-50
KV@ 104°F /40°C	D-7042	cSt	43.7	45	57.65	62.3	89.1	101.7	107.2	179.3
KV @ 212°F /100°C	D-7042	cSt	8.3	8.4	10.3	10.2	14.8	15	14.9	19.9
Viscosity Index	D-2270	-	169	166	170	152	175	155	145	129
SP. Gravity @15°C	D-4052	g/cm <sup>3</sup>	0.841	0.845	0.844	0.874	0.845	0.871	0.885	0.89
Flash Point (min)	D-92	°C	222	226	226	228	224	228	230	236
Pour Point (max)	D-97	°C	-42	-42	-42	-39	-42	-36	-33	-24
TBN	D-2896	MgKOH/g	7	7	7	7	7	7	7	7
CCS, (°C)	D-5293	m.Pa.S	<6200 (-35°C)	<6600 (-30°C)	<6600 (-30°C)	<7000 (-25°C)	<6600 (-30°C)	<7000 (-25°C)	<7000 (-20°C)	<9500 (-15°C)

### HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point.

### HEALTH & SAFETY:

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office.

### PROTECT THE ENVIRONMENT:

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

### STORAGE:

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

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