



Archer Supreme Gasoline Engine Oils are formulated with synthetic and highly refined conventional base stocks, a shear stable viscosity index improver and a robust dispersant and detergent package to provide excellent engine cleanliness. Archer Supreme contains friction modifiers, anti-wear, foam suppressants, antioxidants and corrosion inhibitors.

Archer Supreme Gasoline Engine Oils are premium quality, multi-grade oils for use in gasoline powered passenger cars and light duty vehicles. They are approved for use wherever API SP or ILSAC GF-6A oils are specified. Always check your owner's manual for appropriate viscosity grade.

## FEATURES & BENEFITS

- Meets API SP, SN Plus, SN, SM, SL and SJ
- Resource Conserving
- Meets ILSAC GF-6A, GF-5, GF-4, GF-3 and GF-2 specifications and carries the API "starburst" symbol indicating CERTIFIED for use in gasoline engines
- Formulated with a partial blend of synthetic base oil to meet NOACK Volatility and ASTM D-5800 test requirements
- Provides excellent protection against low speed pre-ignition (LSPI), which is a phenomenon that can lead to pre-ignition knock that can occur in turbocharged gasoline direct injected engines
- Formulated to offer enhanced timing chain wear protection
- Offers improved oxidation stability over ILSAC GF-5 engine oils
- Delivers exceptional wear protection of engine parts through advanced anti-wear additives
- Offers improved cleanliness and deposit protection for next-generation engines
- Enhances the life of the catalyst and after-treatment systems in gasoline engines
- Features a high viscosity index for quicker cold starts and protective films for engine components at high temperatures
- Features a high level of dispersancy to protect against engine rust, sludge and corrosion
- Offers low volatility for reduced oil consumption

## TYPICAL SPECIFICATION DATA

| ARCHER SUPREME GASOLINE ENGINE OIL |       |       |        |
|------------------------------------|-------|-------|--------|
| SAE GRADE                          | 5W-20 | 5W-30 | 10W-30 |
| Viscosity @ 100°C (cSt)            | 8.6   | 10.5  | 10.5   |
| Viscosity @ 40°C (cSt)             | 50.0  | 63.5  | 69.0   |
| Viscosity Index                    | 150   | 155   | 140    |
| Density (lb/gal)                   | 7.14  | 7.13  | 7.19   |
| CCS Viscosity (cP)                 | 5,000 | 5,500 | 5,500  |
| Pour Point (°C)                    | -39   | -39   | -36    |
| Pour Point (°F)                    | -38   | -38   | -33    |
| Flash Point (°C)                   | 228   | 227   | 221    |
| Flash Point (°F)                   | 442   | 441   | 430    |

### Meets or Exceeds:

- API SP, SN Plus, SN, SM, SL and SJ
- Ford: WSS-M2C960-A1 (SAE 5W-20), WSS-M2C961-A1 (SAE 5W-30), WSS-M2C962-A1 (SAE 0W-20)
- ILSAC GF-6A, GF-5, GF-4, GF-3 and GF-2
- Resource Conserving
- Meets the performance requirements of Chrysler MS-6395
- Meets the service fill requirements of JAMA member OEMs

| ARCHER SUPREME 5W-20 |             |              |             |
|----------------------|-------------|--------------|-------------|
| Package Size         | Item Number | Package Size | Item Number |
| 12 x 1 Qt.           | 191183      | 30 Gal.      | 191160      |
| 5 Gal.               | 191161      | 55 Gal.      | 191162      |



| <b>ARCHER SUPREME 5W-30</b> |                    |                     |                    |
|-----------------------------|--------------------|---------------------|--------------------|
| <b>Package Size</b>         | <b>Item Number</b> | <b>Package Size</b> | <b>Item Number</b> |
| 12 x 1 Qt.                  | 191163             | 30 Gal.             | 191164             |
| 5 Gal.                      | 191165             | 55 Gal.             | 191166             |

| <b>ARCHER SUPREME 10W-30</b> |                    |                     |                    |
|------------------------------|--------------------|---------------------|--------------------|
| <b>Package Size</b>          | <b>Item Number</b> | <b>Package Size</b> | <b>Item Number</b> |
| 12 x 1 Qt.                   | 191154             | 30 Gal.             | 192488             |
| 5 Gal.                       | 191155             | 55 Gal.             | 191156             |