



## Aerial Lift Fluid

Specialty Hydraulic Fluid

### Description

Castrol Aerial Lift Fluid is a specially formulated multi-viscosity high performance hydraulic fluid. It is designed to provide superior performance in mobile lift applications where ambient temperatures vary widely and system operation, reliability and protection are mandatory.

### Advantages

- Castrol Aerial Lift fluid contains a very shear stable polymer which provides excellent viscosity performance over all operating conditions (particularly under extreme conditions).
- Enhanced additive package provides outstanding vane and piston pump performance as well as protection against wear and oxidation.
- Superior hydrolytic stability for additional protection against corrosion in the presence of water.

### Typical Physical Characteristics

Test	Method	Typical Results
Viscosity at 40°C, cSt	ASTM D-445	24.5
Viscosity at 100°C, cSt	ASTM D-445	5.9
Viscosity Index	ASTM D-2270	196
Viscosity @ 100° F., SUS	ASTM D-2161	127.1
Viscosity @ 210° F., SUS	ASTM D-2161	45.8
Appearance	Visual	Red
Brookfield Viscosity at -18°C (0°F), cP	ASTM D-2983	660
Brookfield Viscosity at -23°C (-10°F), cP	ASTM D-2983	1,290
Brookfield Viscosity at -35°C (-31°F), cP	ASTM D-2983	7,560
Brookfield Viscosity at -40°C (-40°F), cP	ASTM D-2983	22,350
Pour Point, °C (°F)	ASTM D-97	-46 (-50)
Flash Point, °C (°F)	ASTM D-92	165 (330)
API Gravity	ASTM D-287	30.1
Specific Gravity, 60°F	ASTM D-1298	0.858
Pounds per Gallon	ASTM D-287	7.291
Aniline Point, °C (°F)	ASTM D-611	92 (198)
Turbine Oil Oxidation (D-943), Hrs to 2.0 TAN	ASTM D-943	2800
Dielectric Breakdown, voltage KV/0.1 inch	ASTM D-287	30

\* Due to continual product research and development, the information contained herein is based on products purchased in the U.S. and subject to change without notification. Typical properties may vary slightly.

## Additional Information

### Part Numbers and UPCs

<b>ISO Grade</b>	<b>22</b>
<b>5 Gal. Pail Part No.</b>	40297
<b>55 Gal. Drum Part No.</b>	40299
<b>260 Gal. Tote Part No.</b>	26015
<b>Bulk</b>	40290

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Castrol (UK) Limited, PO BOX 354, Chertsey Road, Sunbury On Thames, Middlesex, TW16 9AW

[www.castrol.com](http://www.castrol.com)