

PRODUCT & TECHNICAL DATA

ALPHA SP Extreme Pressure Gear Oils

DESCRIPTION

The Alpha SP Series are blended with sulphur-phosphorus compounds imparting extreme pressure and anti-wear properties.

These oils exhibit good thermal stability and oxidation resistance.

FEATURES/BENEFITS

They have good demulsification characteristics and low foaming tendencies while providing good rust and corrosion protection of metal surfaces

The Performance of **Alpha SP** gear oils are appropriately demonstrated by internationally recognised tests including FZG, Timken OK Load and 4-Ball ISL. results, as recorded under 'Typical Characteristics'.

APPROVAL STATUS

Castrol Aero HF585B is fully approved to the British Ministry of Defence specification DEF STAN 91-48/2, Joint Service Designation OM-15

Castrol Aero HF585B is a standardised alternative to the American specification MIL-H-5606E through the NATO number H-515.

TECHNICAL DATA

Typical Characteristics	SP68	SP100	SP150	SP220	SP320	SP460
Density @ 15°C, kg/ltr	0.888	0.888	0.893	0.898	0.903	0.903
Viscosity at 40°C, cSt	68	100	150	220	320	460
Viscosity @ 100°C, cSt	8.53	11.1	14.5	18.7	24.0	30.5
Viscosity Index	95	95	95	95	95	95
Flash Point COC, °C	240	249	249	249	255	255
Pour Point, °C	-21	-21	-21	-21	-21	-6
Demulsibility, secs	240	300	210	270	330	360
FZG A/8.3/90- Load Stage	>12	>12	>12	>12	>12	>12
Timken OK Load, lbs	60	60	60	60	60	60
Four Ball Test, Initial seizure load, kg	100	105	100	100	130	125